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INVENTORY MUNICIPAL AND INDUSTRIAL
WASTE FACILITIES, 1957. VOLUME 8,
REGION VIII. COLORADO, IDAHO,
MONTANA, UTAH, WYOMING

Public Health Service
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1957 INVENTORY
MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

VOLUME 8
Region VIII - Colorado, Idaho, Montana, Utah, Wyoming



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U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
Bureau of State Services
Division of Sanitary Engineering Services
Water Supply and Water Pollution Control Program
Washington 25, D. C.

For administrative purposes, the Department of Health, Education, and Welfare divides the States of the Nation into nine regional groupings. The 1957 INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES is published as a series of nine volumes--a separate publication for each region as shown below:

- Region I - PHS Publication No. 622 - Volume 1
Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont
- Region II - PHS Publication No. 622 - Volume 2
Delaware, New Jersey, New York, Pennsylvania
- Region III - PHS Publication No. 622 - Volume 3
District of Columbia, Kentucky, Maryland, North Carolina, Virginia,
West Virginia
- Region IV - PHS Publication No. 622 - Volume 4
Alabama, Florida, Georgia, Mississippi, South Carolina, Tennessee
- Region V - PHS Publication No. 622 - Volume 5
Illinois, Indiana, Michigan, Ohio, Wisconsin
- Region VI - PHS Publication No. 622 - Volume 6
Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota
- Region VII - PHS Publication No. 622 - Volume 7
Arkansas, Louisiana, New Mexico, Oklahoma, Texas
- Region VIII - PHS Publication No. 622 - Volume 8
Colorado, Idaho, Montana, Utah, Wyoming
- Region IX - PHS Publication No. 622 - Volume 9
Arizona, California, Nevada, Oregon, Washington, Alaska, Hawaii

Public Health Service Publication No. 622

Volume 8

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FOREWORD

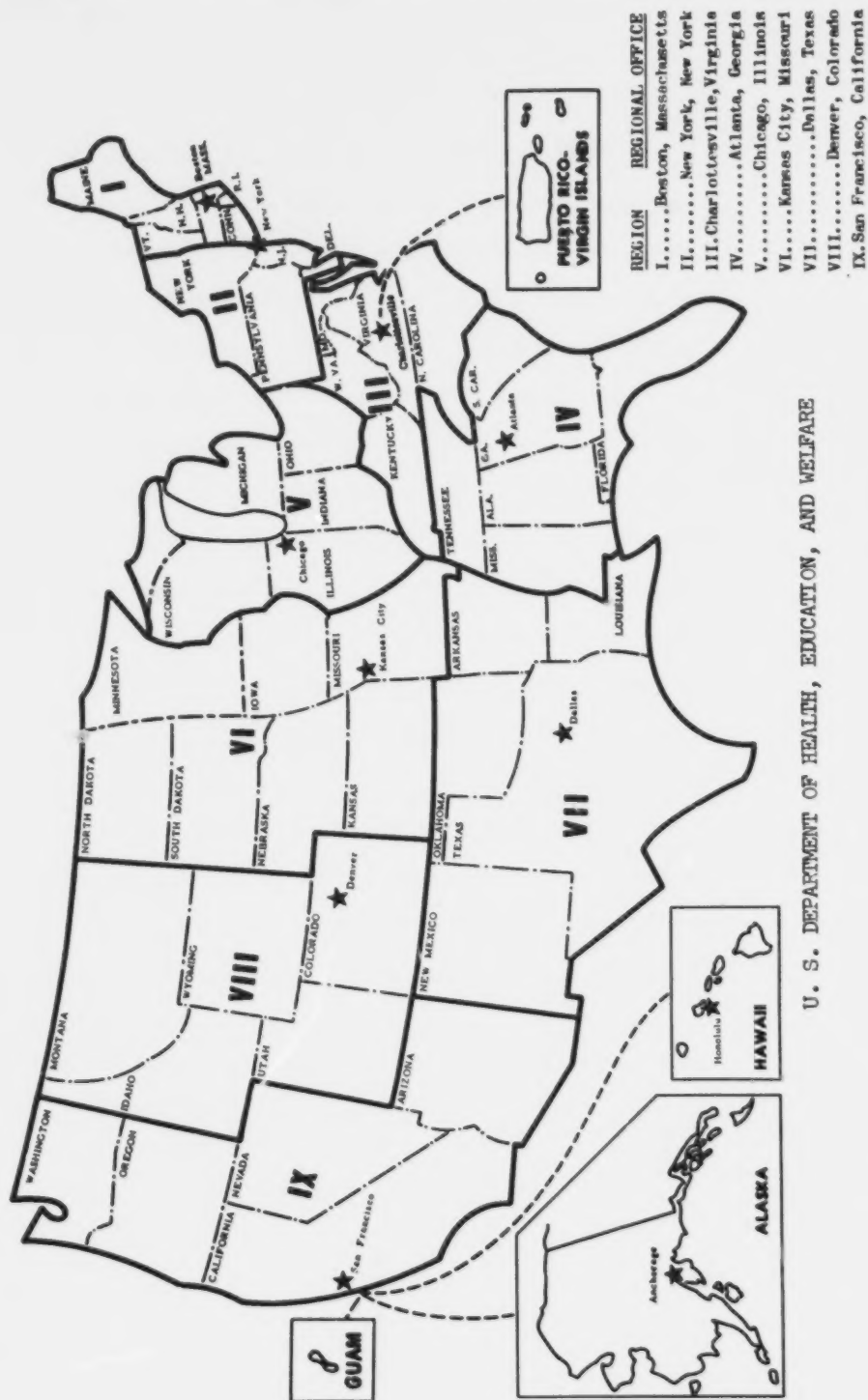
Water is a basic need of man --- for survival, for economic development, and for social well-being. In recognition of the fact that polluted water cannot meet this need, the Congress and the State legislatures have enacted laws to protect the quality of the Nation's water resources.

Fundamental to effective programs of pollution prevention and abatement is knowledge of what facilities we have to control pollution, what these facilities are accomplishing, and what more needs to be done. For almost 20 years the Public Health Service, with the cooperation of various State agencies, has collected, analyzed, and published data on sewage disposal systems. This latest Inventory (1957) contains such data, together with some information on industrial wastes.

The active cooperation of the State water pollution control agencies in collecting these data is gratefully acknowledged. Without their assistance, completion of this task would have been impossible.



G. E. McCallum
Chief, Water Supply and
Water Pollution Control Program



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

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NOTES REGARDING TABULATIONS

GENERAL

This Inventory contains the latest available data for all sources of pollution, both municipal and industrial, which are of significance in water pollution control programs.

Each individual item listed in column 1 is defined as an "entry".

In the listings, each non-community entry is referred to the nearest community, whenever possible. Entries appear in alphabetical order according to community. Entries listed under the same community are alphabetized by name, under that community.

Following the listing for each State there is a table showing those sewage disposal facilities which serve more than one of the entries, together with the names of all entries which are served by the particular facility.

An "x" in the listings indicates that the data called for are not available. A dash "-" signifies that the data called for do not apply to the entry. An asterisk "*" indicates that a "Remark" is entered in column 16.

COLUMN (1) COMMUNITY, SEWER OR SANITARY DISTRICT, INSTITUTION OR INDUSTRY

Entries marked with a star "*" are disposal facilities which serve one or more additional entries.

The following abbreviations are used.

Auth.	- Authority
Co.	- County, Company
Col.	- College
Comm.	- Commission
D. or Dist.	- District
D. R.	- Dude Ranch
Est.	- Estate
Fed. Hous. Proj.	- Federal Housing Project
F. H. A.	- Federal Housing Administration
Hosp.	- Hospital
Hts.	- Heights
Ind. Res.	- Indian Reservation
Inst.	- Institute, Institution
Jct.	- Junction
Mon.	- Monument

M. U. D.	- Municipal Utility District
M. V.	- Mill Village
Nat.	- National
Penit.	- Penitentiary
P. C.	- Permanent Camp (Recreation, Forest, or other)
Pk.	- Park
P. H. A. or	- Public Housing Administration
F. P. H. A.	- Public Utility District
P. U. D.	- Sanatorium, Sanitarium
San.	- School
Sch.	- Sanitary, Sanitation or Sewer District
S. D.	- Section
Sec.	- Sewer Maintenance District
S. M. D.	- Station
Sta.	- Town or Township
(T), To., Twp.	- University
Univ.	

COLUMN (2) 1950 POPULATION, ESTIMATED POPULATION, NUMBER OF PLANT EMPLOYEES

Top-line Entries

For communities, a top-line entry shows the 1950 population, as reported by the U. S. Bureau of the Census.

For industries a top-line entry denotes the average number of plant employees during a 24-hour period. Seasonal operation is indicated by an "S" following this figure.

Bottom-line Entries

For communities or institutions, estimated population figures (when a reliable estimate is available) are entered on the bottom line, and followed by the last digit of the year of estimate. Thus an entry of 2,500-2 indicates an estimated population of 2,500 in 1952.

COLUMN (3) ESTIMATED POPULATION SERVED

The figure appearing indicates the estimated total number of people served by the facilities. A figure shown in parentheses indicates that the entry is served by the facilities of another entry (the latter being indicated in column 7). The population shown in parentheses is included in that listed under the serving entry.

**COLUMN (4) TYPE SEWER SYSTEM
INDUSTRIAL GROUP
WASTE CLASSIFICATION**

Top-line Entries

For communities, sewer or sanitary districts, and institutions, the type sewer system is coded as follows:

- S - Separate (designed to carry domestic sewage and industrial waste separately from storm water runoff)
- C - Combined (designed to carry domestic sewage, industrial waste, and storm water runoff in the same sewer)

For industries, the Major Industrial Group is shown by number. See Appendix A for code.

Bottom-line Entries

For industries only. The waste classification within the Major Industrial Group is designated by a letter. See Appendix A for code.

COLUMN (5) AVERAGE DAILY FLOW (MGD)

The actual waste flow for the entry. Entered on top line.

For industries the following code letters are entered on the bottom line:

- C - Cooling Water
- P - Process Wastes

CP - Combined flow of cooling water and process wastes

An "E" following the flow figure indicates that the flow has been estimated.

COLUMN (6) DESIGNED FOR

Top-line Entry - PE (1,000's) - The population equivalent, in thousands, for which the facilities were designed.

Bottom-line Entry - Average Daily Flow (MGD) - The flow for which the facilities were designed.

COLUMN (7) TREATMENT

The principal treatment devices and methods are identified by capitalized letters and are further described by subsequent lower case letters. In addition, numbers are used to describe certain types of industrial waste treatment.

In general, the symbols are arranged in the order of sewage flow with sludge treatment symbols following thereafter. Combination units performing more than one function in a single structure are denoted by enclosing the appropriate symbols in parentheses. Enclosures in brackets indicate parallel or alternate operation. Chlorination, where used, is usually noted only once for each plant regardless of whether actual application is made at more than one point.

See Appendix B for code.

COLUMN (8) DISCHARGE TO

The watercourse or land area to which the untreated wastes or treatment plant effluent is discharged.

The following abbreviations are used.

Ar.	- Arroyo
Br.	- Branch, Brook
Ca.	- Canal
Cr.	- Creek
E.	- East
Fk.	- Fork
L.	- Lake
Ld.	- Land
Lt.	- Little
N.	- North
Pd.	- Pond
R.	- River
S.	- South
Str.	- Stream
Trib.	- Tributary
W.	- West
Wa.	- Wash

COLUMN (9) DRAINAGE BASIN: SUB-BASIN

Top-line Entries - The drainage basin in which the entry is located. See Appendix C for code.

Bottom-line Entries - The sub-basin in which the entry is located. See Appendix C for code.

COLUMN (10) WATERCOURSE MILEAGE

For entries discharging either raw or treated sewage into a river system, watercourse

mileages are entered in accordance with the coding system shown in Appendix D.

The column does not apply to entries discharging onto land or into lakes or an ocean. When data appears in this column for such entries, its only purpose is to locate the entry.

COLUMN (11) POPULATION EQUIVALENT (BOD)

Top-line Entries - The Population Equivalent (BOD) of the untreated waste is entered on the top line, and followed by an "E" if estimated.

Bottom-line Entries - The Population Equivalent (BOD) of the treated waste, as discharged to the receiving area, is entered on the bottom line. If estimated, an "E" is added.

Note: When waste discharge is not into a body of water, but is rather onto land or into lagoons from which there is no overflow, the bottom line entry in this column may be shown in one of two ways:

Some States enter a figure showing the PE (BOD) of the wastes as they are discharged into these land areas or lagoons. Other States enter an "O" to indicate that no waste reaches a watercourse. In both cases exactly the same situation exists physically, only the method of describing it differs.

COLUMN (12) and (13) STREAM FLOW FOR DESIGN

These columns are intended to furnish an indication of the most important flow characteristics of the receiving stream which are taken into account, even if only in a general way, in connection with pollution abatement activities.

Column 12 shows the minimum stream flow. In column 13 appears the duration of this flow (top-line entry) and its frequency (bottom-line entry).

In the case of streams which run dry during certain periods the entry in column 12 will be zero.

COLUMN (14) POLLUTION ABATEMENT NEEDS

Symbol	Need	Explanatory Notes
--------	------	-------------------

0	New treatment facilities	This symbol indicates the need for a new plant when
---	--------------------------	---

Symbol Need

Explanatory Notes

a "None" appears in column 7. For industries this symbol may alternatively indicate the need for other pollution control measures* when a "None" appears in column 7. (Compare the use of this symbol with use of symbol "4" below).

1 Enlargement of existing facilities

This symbol indicates a need for enlargement of the existing treatment plant shown in column 7. For example, addition of another filter to a trickling filter plant. For industries this symbol may alternatively indicate the need for expansion of other pollution control measures* which are shown in column 7.

When this symbol is used it indicates that the degree of treatment or the type of pollution control measures in use are considered to be adequate.

2 Addition of other treatment methods to existing facilities

This symbol indicates a need for addition of other treatment methods to the treatment plant shown in column 7. For example, the addition of trickling filters to a primary treatment plant. For industries this symbol may alternatively indicate the need for additional types of other pollution control measures* besides those shown in column 7.

When this symbol is used the degree of treatment or the type of pollution control measures in use are not considered to be adequate without supplementation.

3 Chlorination

This is a specific requirement coming under symbol "2" above. It may be used either in conjunction with that symbol (as when chlorination plus other additions are needed), or in place of it (as when chlorination only is needed).

4 Replacement of existing plant

This symbol indicates a need for replacement of the existing treatment plant shown in column 7. For industries this symbol may alternatively indicate the need for replacement of the other pollution control measures* which are shown in column 7.

"Replacement" means that the plant or pollution control measures replaced will no longer be used. It is possible that this replacement may be by a plant or by pollution control measures providing the same degree of treatment as those which are replaced. This symbol provides for recognition of the fact that pollution reduction has been provided for, but that due to obsolescence, or for any other reason, the existing facilities are no longer capable of producing satisfactory results.

5 Improved operation or utilization of existing facilities

6 Connection to adequate existing sewer system

7 No project needed

*The term "Other Pollution Control Measures" includes all actions taken to reduce, eliminate, or prevent the discharge of industrial wastes, when such actions cannot be classified as provision of a "treatment plant" in the commonly understood sense of the term.

Typical examples of such measures are: burning or otherwise disposing of sawdust by a sawmill so as to prevent its entry into the stream; general good housekeeping practices by industry; use of oil separators and drip pans by an oil refinery; institution of wastes recovery or by-products processes which eliminate or reduce industrial wastes.

COLUMN (15) DOWNSTREAM WATER USE

Shown in this column are primary existing water uses (entered on top line), together with those anticipated in the foreseeable future (entered on bottom line), within the area affected by the wastes discharged.

The following code is used:

- A - Source of domestic water supply
- B - Source of industrial water supply
- C - Livestock water supply
- D - Irrigation water supply
- E - Commercial fishing
- F - Game fishing
- G - Shellfish
- H - Wildlife
- I - Bathing
- J - Other recreation
- K - Navigation
- L - Waste transportation
- N - Nuisance conditions exist

Capital letters indicate those uses for which the stream is at present satisfactory. Lower-case letters indicate those uses for which the stream is at present unsatisfactory. In some cases, no indication has been given as to whether or not the stream is satisfactory or unsatisfactory for the uses shown. Such cases are indicated by a notation in the "Remarks" column.

COLUMN (16) REMARKS

Any pertinent remarks relating to the entry appear in this column.

APPENDIX A

Major Industrial Groups and Waste Classification Groups

This appendix defines the major industrial groups with which the inventory is concerned. Description of each group follows, in general, that given in the Standard Industrial Classification Manual, Vols. I and II, Bureau of the Budget, November 1945. Certain modifications of some groups have been made. Such modifications are shown in the following table.

Major Group Number Given in This Appendix Major Group Number Given in Std. Industrial Classification Manual

Non-manufacturing Industries

10	Includes	10
11	"	11, 12

Appendix A (Cont'd.)

Major Group Number	Non-manufacturing Industries (cont'd.)
--------------------	--

13	Includes 13
14	" 14

Manufacturing Industries

20	Includes 20
22	" 22
24	" 24, 25
26	" 26
28	" 28 (except industry 2824, synthetic rubber)
29	" 29 (and industry 4925)
30	" 30 (and industry 2824 from group 28)
31	" 31
33	" 33
34	" 19, 34, 35, 36, 37
39	" 21, 23, 27, 32, 38, 39

A breakdown has been made for each group for waste classification purposes.

NON-MANUFACTURING INDUSTRIES

Major Group Number	Description of Group
--------------------	----------------------

10 Metal Mining

Includes establishments primarily engaged in mining, developing mines, or exploring for metallic minerals (ores). These ores are valued chiefly for the metals contained to be recovered for use as such or as constituents of alloys. In addition, ores of rare-earth metals and titanium are included. This major group also includes all ore dressing and beneficiating operations whether performed at mills operating in conjunction with the mines served or at mills, such as custom mills, operated separately. These include mills which crush, grind, wash, dry, sinter, or leach ore, or perform gravity separation or flotation operations.

A - Ore dressing

11 Anthracite, Bituminous Coal, and Lignite Mining

Includes establishments primarily engaged in producing anthracite (hard coal),

Appendix A (Cont'd.)

Major Group Number	Description of Group
--------------------	----------------------

11 Anthracite, Bituminous Coal, and Lignite Mining (cont.)

bituminous coal or lignite. Mining operations, dredging operations, and preparation plants, such as cleaning plants, breakers, and washeries, whether or not such plants are operated in conjunction with the mines served, are included.

A - Coal Washing
B - Acid Mine Drainage

13 Crude Petroleum and Natural Gas Extraction

Includes establishments primarily engaged in producing crude petroleum, natural gas, natural gasoline, and cycle condensate. Types of activities included are exploration, drilling, well operation and maintenance, and the operation of natural gasoline and cycle plants. The group includes emulsion breaking and desilting of crude petroleum performed to render the oil marketable.

A - Oil field brines
B - Petroleum

14 Mining and Quarrying of Nonmetallic Minerals, Except Fuels

Includes establishments primarily engaged in mining or quarrying, developing mines, or exploring for nonmetallic minerals, except fuels.

MANUFACTURING INDUSTRIES20 Food and Kindred Products

Includes establishments manufacturing foods and beverages for human consumption, and certain related products such as manufactured ice, chewing gum, and prepared feeds for animals and fowls.

A - Sugar refining, beet or cane
B - Canning, dehydrating, or freezing fruits
C - Canning, dehydrating, or freezing vegetables
D - Canning and curing fish and other sea foods
E - Slaughtering

Appendix A (Cont'd.)

Major Group Number	Description of Group
--------------------------	----------------------

20 Food and Kindred Products (contd.)

- F - Meat Packing
- G - Poultry killing and cleaning
- H - Milk receiving and/or bottling
- I - Cheese factory
- J - Milk condensery and/or dry milk plant
- K - Ice cream plant
- L - Creamery
- M - Malt liquor manufacture
- N - Winery
- O - Distillery
- P - Rendering plant
- Q - Vegetable oil manufacture
- R - Miscellaneous

22 Textile Mill Products

Includes establishments engaged in performing any of the following operations, regardless of the type of fiber used: (1) manufacturing yarn, thread, cordage, and twine; (2) manufacturing woven fabric, carpets and rugs, braids, laces, knit fabric, knit garments, and other products from yarn; (3) dyeing and finishing fibers, yarn, and fabric, and (4) coating, waterproofing, and otherwise treating fabric. Includes establishments engaged in manufacturing felt fabrics and products.

- A - Wool
- B - Cotton
- C - Silk
- D - Synthetics
- E - Fur and Hair
- F - Other materials
- G - Scouring (includes all types of cleansing of raw materials)
- H - Bleaching
- I - Dyeing
- J - Finishing
- K - Miscellaneous processes

24 Lumber and Wood Products

Includes logging camps engaged in cutting timber and pulpwood; merchant sawmills, veneer mills, lath mills, shingle mills, cooperage-stock mills, planing mills, and plywood mills engaged in producing lumber and wood basic materials; and establishments engaged in manufacturing finished articles made

Appendix A (Cont'd.)

Major Group Number	Description of Group
--------------------------	----------------------

24 Lumber and Wood Products (cont.) (cont.)

entirely or mainly of wood or wood substitutes. Includes furniture.

26 Paper and Allied Products

Includes the manufacture of pulp primarily from wood, and from rags and other fibers; the conversion of these pulps into any kind of paper or paperboard; and the manufacture of paper and paperboard into converted paper products such as coated paper, paper bags, paper boxes, cards and envelopes.

- A - Sulphite pulp
- B - Sulphate pulp
- C - Groundwood pulp
- D - Rag Pulp
- E - Jute or hemp paper stock
- F - Reclaimed paper (includes deinking)
- G - Paper Mill
- H - Paperboard mill
- I - Miscellaneous

28 Chemicals and Allied Products

Includes establishments producing basic chemicals, and establishments manufacturing products by predominantly chemical processes. Includes manufacture of photographic chemicals. Establishments classified in this major group manufacture three general classes of products:

- A - Basic chemicals such as acids, alkalies, salts and organic chemicals
- B - Chemical products, to be used in further manufacture such as synthetic fibers, plastics materials, crude animal and vegetable oils, dry colors, and pigments;
- C - Finished chemical products to be used for ultimate consumption such as drugs, cosmetics, and soaps; or to be used as materials or supplies in other industries such as paints, fertilizers, and explosives.

Appendix A (Cont'd.)

<u>Major Group Number</u>	<u>Description of Group</u>
-----------------------------------	-----------------------------

29 Products of Petroleum and Coal

Includes establishments refining crude petroleum and manufacturing coke and coke-oven products, paving and roofing materials, and other products made from petroleum and coal. Includes establishments manufacturing and distributing gas to consumers.

- A - Crude Petroleum Refining
- B - By-product coke plants
- C - Gas plants
- D - Light oil refining
- E - Miscellaneous

30 Rubber and Rubber Products

Includes establishments refining natural rubber or manufacturing synthetic rubber. Includes establishments manufacturing from natural or synthetic rubber, gutta percha, balata, or gutta siak, all kinds of rubber products such as tires, rubber footwear, mechanical rubber goods, and rubber sundries. This group also includes establishments manufacturing reclaimed rubber or re-built and retreated rubber tires.

- A - Natural rubber
- B - Synthetic rubber

31 Leather and Leather Products

Includes establishments engaged in tanning, currying, and finishing hides and skins, and establishments manufacturing finished leather and artificial leather products and some similar products made of other materials.

- A - Tanning (includes Beamhouse)
- B - Dyeing and Finishing
- C - Miscellaneous

33 Primary Metal Industries

Includes establishments engaged in the smelting and refining of ferrous and non-ferrous metals from ore, pig, or scrap; in the rolling, drawing, and alloying of ferrous and non-ferrous metals; and in the manufacture of castings, forgings, and other basic products of ferrous and non-ferrous metals.

Appendix A (Cont'd.)

<u>Major Group Number</u>	<u>Description of Group</u>
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33 Primary Metal Industries (cont.)

- A - Ferrous
- B - Non-Ferrous
- C - Blast Furnace
- D - Smelting
- E - Rolling Mills

34 Fabricated Metal Products

Includes establishments engaged in fabricating ferrous and non-ferrous metal products such as tin cans and other tinware, hand tools, cutlery, general hardware, non-electric heating apparatus, fabricated structural metal products, metal stampings, lighting fixtures, fabricated wire products, and a variety of metal products not elsewhere classified. (Includes ordnance, machinery, and transportation equipment).

- A - Ferrous
- B - Non-Ferrous
- C - Plating
- D - Pickling
- E - Painting, or other methods of preservation
- F - Heat Treatment
- G - Cutting and lubricating oils
- H - Rolling mills
- I - Miscellaneous

39 Miscellaneous Manufacturing Industries

Includes establishments primarily engaged in manufacturing products not classified in any other manufacturing major group.

APPENDIX B

Treatment Code

The principal treatment devices and methods are identified by capital letters and are further described by subsequent lower case letters. In general, the symbols will be arranged in the order of sewage flow, with sludge treatment symbols following thereafter. Combination units performing more than one function in a single structure are denoted by enclosing the appropriate symbols in parentheses. Enclosures in brackets indicate parallel or alternate operation. Chlorination, where used is noted

Appendix B (Cont'd.)

only once for each plant, regardless whether or not actual application is made at more than one point.

KEY TO SYMBOLS

A -----Aeration
 Aa ---Activated sludge, diffused air aeration
 Ac ---Contact aerators
 Am ---Activated sludge, mechanical aeration
 Ap ---Aeration, plain, without sludge return
 B -----Sludge beds
 Bo ---Open
 Bc ---Glass covered
 C -----Settling tanks
 Ci ---two story (Imhoff)
 Cm ---mechanically equipped
 Cp ---plain, hopper bottom or intermittently drained for cleaning
 Cs ---septic tank
 Ct ---multiple tray, mechanically equipped
 D -----Digester, separate sludge
 Dc ---with cover (fixed if not otherwise specified)
 D(cg) ---gasometer in fixed cover
 De ---gas used in engines (heat usually recovered)
 Df ---with floating cover
 Dg ---with gasometer cover
 Dh ---gas used in heating
 Dm ---stirring mechanism
 Do ---open top
 Dp ---unheated
 Dr ---heated
 Ds ---gas storage in separate holder
 Dt ---stage digestion
 E -----Chlorination
 Ec ---with contact tank
 Eg ---by chlorine gas
 Eh ---by hypochlorite
 F -----Filters
 Fc ---contact beds
 Fm ---magnetite (straining)
 Fo ---roughing filters
 Fr ---rapid sand or other sand straining
 Fs ---intermittent sand
 Ft ---trickling (no further details)
 Fth ---high capacity
 Ftlh ---high capacity, single stage
 Ft2h ---high capacity, two stage
 Ftn ---fixed nozzle, standard capacity
 Ftr ---rotary distributor, standard capacity
 Ftt ---traveling distributor, standard capacity
 G -----Grit chambers
 Gh ---without continuous removal mechanism
 Gm ---with continuous removal mechanism
 Gp ---grit pocket at screen chamber
 Gw ---separate grit washing device
 H -----Sludge storage tanks (not second stage digestion units)
 Hc ---covered

Appendix B (Cont'd.)

Hm ---with stirring or concentrating mechanism
 Ho ---open
 I -----Sewage application to land
 Ic ---with cropping
 Ip ---percolation beds
 Is ---sub-surface application
 Iu ---land underdrained
 K -----Chemical treatment - Flocculation.
 Chemical treatment-type units or equipment not necessarily complete or operated as chemical treatment
 Ka ---flocculation tank, air agitation
 Kc ---chemicals used
 Km ---flocculation tank, mechanical agitation
 Kx ---no chemicals used
 L -----Lagoons
 Le ---evaporation lagoons
 Lo ---oxidation lagoons or ponds
 Lp ---lagoon for settling of sewage
 Ls ---sludge lagoons - not for treatment of sewage
 O -----Grease removal or skimming tanks - not incidental to settling tanks
 Oa ---aerated tank (diffused air)
 Om ---mechanically equipped tank
 S -----Screens
 Sc ---comminutor (screenings ground in sewage stream)
 Si ---intermediate screens (1/8" to 1/2" openings)
 Sf ---fine screen (less than 1/8" openings)
 Sg ---screenings ground in separate grinder and returned to sewage flow
 Sh ---bar rack (1"2" to 2" openings) hand cleaned
 Sm ---bar rack (1/2" to 2" openings) mechanically cleaned
 Sr ---coarse rack (openings over 2")
 St ---garbage ground at plant and added to sewage flow
 T -----Sludge thickener
 Tc ---covered
 Tm ---stirring mechanism
 To ---open top
 V -----Mechanical sludge dewatering
 Vc ---sludge centrifuge
 Vv ---rotary vacuum filter
 Vo ---other
 X -----Sludge disposal
 Xb ---barged to sea
 Xd ---used for fertilizer
 Xf ---burned for fuel
 Xn ---incinerated
 Xp ---used for fill
 Z -----Sludge conditioning
 Za ---chemicals used, alum
 Zc ---chemicals used (unidentified)
 Zi ---chemicals used, iron salt
 Zl ---chemicals used, lime
 Zx ---no chemicals used
 Zy ---elutriation

Industrial Waste Treatment Operations and Processes

Due to the many types of industrial wastes produced and the corresponding diversity of equipment and functional units employed in their treatment a complete and detailed code of such equipment and units was not developed for this inventory. Industrial waste treatment operations or processes have been coded, instead of the devices in which or by which such operations or processes are carried out. This procedure eliminates much detail and revision in the code developed, and in addition provides for a broader application of the code, since an operation or process may remain the same, while the unit in which it is performed may change, or may even differ in different industries.

The following numerical coding is used for the description of those situations in which the treatment of industrial wastes cannot be satisfactorily or fully described by use of the foregoing symbols alone. The preceding letter symbols and the following numerical coding are used in combination when necessary, although either may be used alone.

1. Centrifugation

Defn. Separation of solids and fluids of different densities or separation of the nature of filtration in an apparatus rotating at high speed.

Ex. Separation of wool grease from acid cracked wool scouring liquor in a centrifuge.

2. Distillation and Stripping

Defn. Distillation is a separation of volatile liquids by utilizing the differences in their volatilities. Stripping is a separation of a volatile material from a less volatile or non-volatile liquid with the aid of a stream of air or other gas.

Ex. Kopper's process for distilling phenol from ammonia-still liquor.

3. Emulsion Breaking

Defn. Separation of two liquids in colloidal suspension.

Ex. Passing oil in water of waste emulsion from the treatment of light and lubricating oils between electrodes to charge the particles and cause separation.

Appendix B (Cont'd.)

4. Evaporation

Defn. Volatilization of water or other material from nonvolatile residue.

Ex. Concentration of Steffens waste from beet sugar manufacture in multiple effect evaporators.

5. Extraction

Defn. Transferral of a constituent of a solid or liquid to another liquid (the solvent)

Ex. Extraction of phenol from ammoniacal liquor with benzene.

6. Filtration

Defn. Separation of a heterogeneous mixture of a fluid and particles of solid by a filter medium which permits the flow of a fluid but retains the particles of solid.

Ex. Use of save-alls for the removal of fiber from white water in the pulp and paper industry. Filter presses for removal of lanolin from wool scouring wastes.

7. Flotation

Defn. Separation of a material by floating at or on the surface of a liquid.

Ex. Flotation save-alls for removal of fiber and other suspended solids from white water.

8. Neutralization

Defn. Addition of acids or bases to basic or acidic material so that it is no longer acidic or basic, to get a pH value of about 7.0.

Ex. Neutralization of acid wastes resulting from the manufacture of nitrocellulose with dolomitic lime.

9. Oxidation - Chemical

Defn. Changing an element from a lower to a higher positive valance by chemical action.

Ex. Chlorination of cyanides in alkaline solution.

Appendix B (Cont'd.)

10. Regulated Discharge

Defn. The procedure or actions involved in artificially controlling the flow of liquid wastes so that their discharge at a specific time or times will serve a specified purpose or objective.

Ex. Lagooning of cannery wastes, with discharge to the stream in small volumes over long periods of time when temperatures are low and stream flows high.

11. Waste Prevention Measures

In general, good housekeeping. Definite good housekeeping practices taken by industry to prevent waste materials resulting from industrial operations from entering the sewers.

If the industry concerned is not sewered, this group includes all good housekeeping practices taken to keep waste materials from entering a watercourse.

This group does not refer to any measures otherwise considered as being treatment in these codes. (For instance, lagooning or screening).

Ex. Collection of blood and paunch manure. Burning or otherwise disposing of sawdust.

APPENDIX C

LIST OF BASINS AND SUB-BASINS

NE - Northeast

- 1 Quinnipiac River & Western Connecticut Coastal
- 2 Housatonic River
- 3 Pawcatuck River and Eastern Connecticut Coastal
- 4 Connecticut River
- 5 Thames River
- 6 Narragansett Bay
- 8 Massachusetts Coastal
- 9 Merrimac River
- 10 Piscataqua River and New Hampshire Coastal
- 12 Saco River and South Maine Coastal
- 14 Presumpscot River and Casco Bay
- 15 Androscoggin River
- 16 Kennebec and Sheepscot River
- 17 Penobscot River
- 18 North Maine Coastal

Appendix C (Cont'd.)

- 19 St. Croix River
- 20 St. Johns River
- 21 Lake Memphremagog
- 24 Lake Champlain
- 25 St. Lawrence
- 26 Lake Ontario
- 27 Lake Erie-Niagara
- 28 Genesee River
- 29 Oswego River
- 30 Mohawk River
- 31 Upper Hudson
- 32 Lower Hudson

NA - North Atlantic

- 1 New Jersey-New York Metropolitan Area
- 2 New Jersey Coast
- 3 Delaware River Basin - Zone 1
- 4 Delaware River Basin - Lehigh
- 5 Delaware River Basin - Schuylkill
- 6 Delaware River Basin - Zone 2
- 7 Delaware River Basin - Zone 3
- 8 Delaware River Basin - Zone 4
- 9 Susquehanna River Basin - North Branch
- 10 Susquehanna River Basin - West Branch
- 11 Susquehanna River Basin - Juniata
- 12 Susquehanna River Basin - Main Stem
- 13 Upper Chesapeake Bay and Maryland Delaware Coast
- 14 Potomac River Basin
- 15 Rappahannock and York River Basins - Virginia Coast
- 16 James River Basin

SE - Southeast

- 1 Chowan River Basin
- 2 Roanoke River Basin
- 3 Tar River Basin
- 4 Neuse River Basin
- 5 North Carolina Coastal Area
- 6 Cape Fear River Basin
- 7 Yadkin-Pee Dee River Basin
- 8 Pee Dee River Basin
- 9 Catawba-Wateree River Basin
- 10 Congaree River Basin
- 11 Santee-Cooper River Basin
- 12 Edisto-Combahee River Basin
- 13 Savannah River Basin
- 14 Ogeechee River Basin
- 15 Ocomee River Basin
- 16 Ocmulgee River Basin
- 17 Altamaha River Basin
- 18 Satilla River Basin
- 19 St. Marys-Nassau River Basin
- 20 St. Johns River Basin
- 21 Suwanee River Basin
- 22 Ochlockonee-St. Marks River Basin
- 23 Withlacoochee River Basin
- 24 Tampa Bay Area
- 25 Peace River Basin

Appendix C (Cont'd.)

SE - Southeast (Cont'd.)

- 26 Kissimmee River Basin
- 27 Florida East Coastal Area
- 28 Lower Florida Area
- 29 Flint River Basin
- 30 Chattahoochee River Basin
- 31 Apalachicola River Basin
- 32 Choctawhatchee River Basin
- 33 Perdido - Escambia River Basin
- 34 Tallapoosa River Basin
- 35 Coosa River Basin
- 36 Cahaba River Basin
- 37 Alabama River Basin
- 38 Upper Tombigbee River Basin
- 39 Warrior River Basin
- 40 Lower Tombigbee River Basin
- 41 Mobile Bay Area
- 42 Pascagoula River Basin
- 43 Pearl River Basin

TR - Tennessee River

- 1 Clinch
- 2 Holston
- 3 French Broad
- 4 Little Tennessee
- 5 Hiwassee
- 6 Elk
- 7 Duck
- 8 Main Stem, Tennessee River, and Minor Tributaries

OR - Ohio River

- 1 Allegheny
- 2 Monongahela
- 3 Beaver
- 4 Muskingum
- 5 Little Kanawha
- 6 Hocking
- 7 Kanawha
- 8 Guyandot
- 9 Big Sandy
- 10 Scioto
- 11 Little Miami
- 12 Licking
- 13 Miami
- 14 Kentucky
- 15 Salt
- 16 Green
- 17 Wabash
- 18 East Fork White River
- 19 West Fork White River
- 20 Cumberland
- 21 Ohio Main Stem and Minor Tributaries
- 22 French Creek
- 23 Clarion River

Appendix C (Cont'd.)

LE - Lake Erie

- 1 Maumee
- 2 Sandusky
- 3 Cuyahoga
- 4 Lake Erie Shore Line and Minor Tributaries

UM - Upper Mississippi

- 1 Red River of the North
- 2 Rainy
- 3 Upper Portion Upper Mississippi River
- 4 Minnesota
- 5 St. Croix
- 6 Lower Portion Upper Mississippi River
- 7 Wisconsin
- 8 Mississippi-Wapsipinicon and Tributaries
- 9 Rock
- 10 Mississippi-Iowa-Cedar
- 11 Mississippi-Des Moines-Skunk
- 12 Mississippi-Salt
- 13 Chicago-Calumet
- 14 Des Plaines
- 15 Kankakee
- 16 Fox
- 17 Illinois
- 18 Mississippi-St. Louis Area
- 19 Meramec
- 20 Kaskaskia
- 21 Big Muddy
- 22 Mississippi-Cape Girardeau Area

WL - Western Great Lakes

- 23 Lake Superior
- 24 Green Bay Western Shore
- 25 Fox-Wolf
- 26 Lake Michigan Western Shore (Includes No. Suburbs of Chicago which drain to Lake)
- 27 Lake Michigan-Lake Huron North Shore
- 28 Lake Michigan Northeastern Shore
- 29 Muskegon River
- 30 Grand River
- 31 Kalamazoo
- 32 St. Joseph River
- 33 Lake Huron Western Shore
- 34 Saginaw River
- 35 St. Clair-Detroit Rivers
- 36 Lake Erie Western Shore

MR - Missouri River

- 1 Upper Missouri (Main Stem and Tributaries to below Mouth of Milk River)
- 2 Yellowstone
- 3 Missouri-Souris (Main Stem and Minor Tributaries from Mouth of Milk River)

Appendix C (Cont'd.)

MR - Missouri River (cont'd.)

- to Spring Creek including Devils Lake and Souris River)
- 4 Central Missouri (Main Stem and Tributaries from above mouth Spring Creek to Niobrara River)
- 5 Niobrara
- 6 James
- 7 Big Sioux
- 8 Lower Platte River from its origin at North Platte, Nebraska, to its mouth)
- 9 North Platte
- 10 South Platte
- 11 Kansas
- 12 Lower Missouri (Main Stem and Minor Tributaries from Niobrara River to Mouth)
- 13 Grand-Chariton
- 14 Osage-Gasconade

SM - Southwest-Lower Mississippi

- 1 Upper Arkansas River Basin Above Kans.-Colo. State Line
- 2 Arkansas River Basin-Kans.-Colo. State Line to Tulsa
- 3 Verdigris River Basin
- 4 Grand (Neosho) River Basin
- 5 White River Basin
- 6 Lower Miss. River Basin - Cairo to Helena, Arkansas
- 7 Cimarron River Basin (N. M., Colo., Kans., and Okla.)
- 8 North Canadian River Basin
- 9 Arkansas River Basin - Tulsa to Van Buren
- 10 Arkansas River Basin - Van Buren to mouth
- 11 Lower Miss. River Basin - Yazoo River
- 12 South Canadian River Basin - Above Tex.-Okla. State Line
- 13 South Canadian River Basin - Below Tex.-Okla. State Line
- 14 Washita River Basin
- 15 Upper Red River Basin - Above Denison
- 16 Lower Red River Basin - Below Denison
- 17 Ouachita River Basin
- 18 Lower Miss. River Basin - Big Black River
- 19 Atchafalaya River Basin
- 20 Calcasieu River Basin
- 21 Lower Miss. River Basin - Natchez to Gulf

CR - Colorado River

- 1 Lower Colorado River Basin
- 2 Middle Colorado River Basin
- 3 Upper Colorado River Basin
- 4 Gila River Basin

Appendix C (Cont'd.)

- 5 Little Colorado River Basin
- 6 San Juan River Basin
- 7 Green River Basin

WG - Western Gulf

- 1 Sabine River Basin
- 2 Neches River Basin
- 3 Trinity and San Jacinto River Basin
- 4 Brazos River Basin
- 5 Colorado River Basin
- 6 Guadalupe, Lavaca, and San Antonio River Basin
- 7 Nueces River Basin
- 8 Pecos River Basin
- 9 Rio Grande Basin (Upper) above Pecos River
- 10 Rio Grande Basin (Lower) below Pecos River

PN - Pacific Northwest

- 1 Kootenai River Basin
- 2 Clark Fork-Pend Oreille River Basin
- 3 Spokane River Basin
- 4 Yakima River Basin
- 5 Columbia River Basin Above Yakima River
- 6 Upper Snake River Basin
- 7 Central Snake River Basin
- 8 Middle and Lower Snake River Basin
- 9 Willamette River Basin
- 10 Columbia River Basin Below Yakima River
- 11 Puget Sound Basin
- 12 Washington Coast Basin
- 13 Oregon Coast Basin
- 14 Southern Oregon Lakes Basin
- 15 Alaska

CL - California

- 1 Klamath River
- 2 North Coastal
- 3 San Francisco Bay Region
- 4 Central Coastal
- 5 Santa Clara River
- 6 Los Angeles River
- 7 Santa Ana River
- 8 San Diego
- 9 Sacramento River
- 10 San Joaquin River
- 11 Kings and Kern Rivers and Tulare Lake

GB - Great Basin

- 1 Northwestern Lahontan
- 2 Humboldt River
- 3 Central Nevada
- 4 Owens River
- 5 Mojave

Appendix C (Cont'd.)

Appendix C (Cont'd.)

GB - Great Basin (Cont'd.)

- 6 Colorado River Basin Region of California
- 7 Great Salt Lake
- 8 Sevier River

HA - Hawaii

- 1 Hawaii
- 2 Kuai
- 3 Maui
- 4 Oahu

APPENDIX D

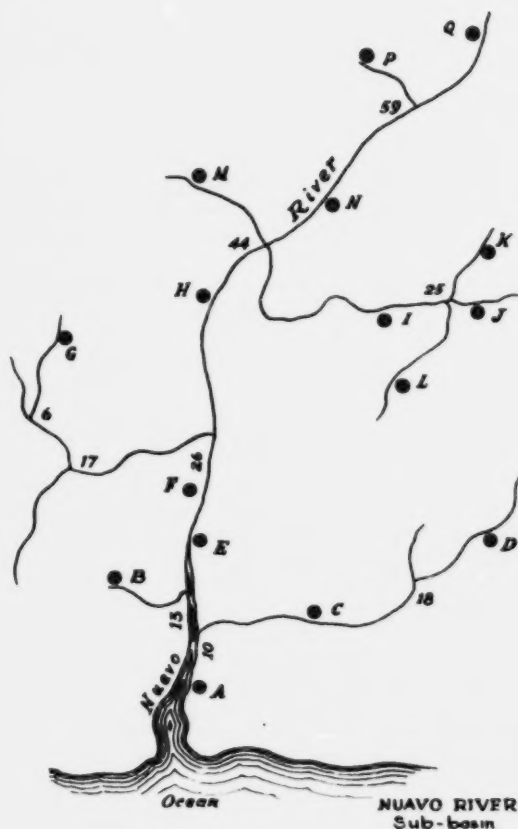
The watercourse mileage system is illustrated with reference to the accompanying diagram of the (hypothetical) Nuavo River sub-basin.

The main stem of the sub-basin, together with those tributaries on which sources of pollution are located, are shown. Tributaries entering the main stem are located by mileages above the mouth of the main stem. Sub-tributaries are located by mileages above the mouth of the tributary into which they discharge, tertiary tributaries by mileages above the mouth of the sub-tributary into which they discharge, and so on for fourth, fifth, etc., tributaries.

The watercourse mileage coding for each source of pollution on this river system is shown in the following table:

Source of Pollution	Watercourse Mileage
A	N5
B	N13-6
C	N10-10
D	N10-18-9
E	N18
F	N22
G	N26-17-6-5
H	N35
I	NR44-23
J	NR44-28
K	NR44-L25-6
L	NR44-R25-6
M	NL44-6
N	N52
P	N59-5
Q	N67

In each code symbol a letter - "N" in this case - appears first to denote the main stem concerned. The letter symbol is followed by numbers which locate by river mileage the particular source of pollution.



Appendix D (Cont'd.)

The coding for three sources of pollution from the table is discussed more fully below:

1) Source D Code: N10-18-9

This source of pollution is located on a second tributary, which enters the first tributary 18 miles above its mouth. The first tributary, in turn, enters the main stem 10 miles above its mouth. The coding for "D" is then made up as follows:

- N10 Indicates a point 10 miles above the mouth of the main stem
- 18 A point 18 miles above the mouth of the first tributary
- 9 A point 9 miles above the mouth of the second tributary

2) Source J Code: NR44-28

Located on a first tributary which enters the main stem 44 miles above its mouth. The coding for "J" is made up as follows:

- NR44 A point 44 miles above the mouth of the main stem, on the right bank.
- 28 A point 28 miles above the mouth of the first tributary

Note that in the coding for source "J" above, an additional letter - an "R" - appears after the "N" designating the main stem in the first part of the code. This "R" signifies that the tributary carrying pollution from source "J" enters the main stem on the right side, looking upstream. The second letter serves to differentiate this tributary from that entering directly opposite, on the left side of the main stem (see code for source "M".) The designations "R" and "L" are necessary only in situations of this type. The same principle may also be applied to similar conditions on tributaries, always looking upstream to define the right and left banks. This is shown in the next example.

3) Source L Code: NR44-R25-6

Located on a second tributary which enters the first tributary 25 miles above its mouth. The coding for source "L" is made up as follows:

- NR44 A point 44 miles above the mouth of the main stem, on the right bank.
- R25 A point 25 miles above the mouth of the first tributary, on the right bank.
- 6 A point 6 miles above the mouth of the second tributary.

In this case the "R" designation is necessary in the mileage coding of the first tributary since at this point another second tributary enters on the opposite (left) bank. Note that the coding for source "K" (NR44-L25-6) differs from that for source "L" only by the fact that it is located on a tributary entering on the left bank - looking upstream - of the first tributary.

In those cases where two or more main stems are located in one sub-basin, differentiation is made by the first letter of the code, i.e., the "N" in this case would distinguish sources of pollution on the Nuavo River from those on, say, the Cling River, if the latter was also in this sub-basin.

It may happen that two rivers having the same initial letter lie in the same sub-basin. In this case, a second letter will be used for distinction. Thus if, in addition to the Nuavo, the North River was also a main stem in this sub-basin, the Nuavo could be coded as given i.e., "N" while the North could be coded as "NO".

Major points to be reiterated are:

- 1) All mileages in the code are river mileages.
- 2) The zero point for mileages on the main stem is at the mouth of the main stem. The zero point for mileages on a tributary is at the mouth of the tributary.
- 3) For uniformity, right and left banks of the main stem and tributaries are located by looking upstream on the main stem or tributary concerned.

COLORADO

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE				YEAR		PAGE	
		COLORADO				1957		1 of 11	
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	NO. GROUP	EST. IN P.T. (100% of group only)	Treatment	Discharge to	LINE No.
		ESTIMATED POPULATION SERVED	ESTIMATED POPULATION SERVED	TYPE CLASS.	EST. IN P.T. (100% of group only)	EST. IN P.T. (100% of group only)			
		EST. IN P.T. (100% of group only)	EST. IN P.T. (100% of group only)	EST. IN P.T. (100% of group only)	EST. IN P.T. (100% of group only)	EST. IN P.T. (100% of group only)			
ACRON		1,605	1,500	S	0.16E	X	Cs	Dry Wash	1
ALAMEDA S.D.		-	(750)	X	-	X	See Denver - North Side Plant	South Platte River	2
ALAMOBA		5,354	5,330	S	0.80E	X	La	Lagoon	3
ALAMOBA	Oriental Ref. Co.	X	-	X	X	X	X	Rio Grande	4
ALTURA S.D.*		-	2,000	S	-	2.0	La	Lagoon	5
ARVADA		8,000	7,000	S	X	7.5	G ScCaFtlnCaDhBo	Ralston Creek	6
ASPEN		916	100	S	X	-	None	Roaring Fork River	7
AULT		866	600	S	0.06E	1.2	G ClFtnE	Irrigation Canal	8
AURORA S.D.		11,421	25,000	S	X	X	ScG CaFtlnCaDhBo	Sand Creek	9
BAKER (A.D. # 22 Denver)	Metropolitan W. S. & S. D.	-	3,000	S	X	X	CaD Bo*	Clear Creek	10
BENTHOUD		867	1,000	S	0.10	X	ClFtnBo	Little Thompson River	11
BLENDE		400-6	800	C	X	-	None	Arkansas River	12
BOND		100-6	100	S	X	X	CaB Id	Colorado River	13
BOULDER		19,999	21,400	S	X	16.0	G ScCaFtlnCaEgDtrh*	Boulder Creek	14
BRECKENRIDGE		296	280	S	X	-	None	Blue River	15
BRIGHTON	Great Western Sugar Co.	X	-	20	X	X	C 4	South Platte River	16
BRIGHTON	Kuner-Empson	320-8	-	20	X	-	None	South Platte River	17
BRIGHTON		4,334	4,500	S	1.0	5.0	ClFt Bo	South Platte River	18
BROADMOOR		1,585	(1,700)	S	-	0.6	-	See Colorado Springs	19
BROOMFIELD HEIGHTS	Mutual Service Association	X	X	S	X	8.0	G G CaFtlnCaDhBo	Crop Irrigation or Fountain Creek	20
BRUSH		2,431	2,500	S	0.20E	X	ClBo	Big Dry Creek	21
BUENA VISTA		783	750	S	0.12	X	La	South Platte River	22
BUENA VISTA	Colorado State Reformatory	X	250	S	X	X	Cs	None	23
BURLINGTON		2,247	2,200	S	X	X	ClBo	Sub-surface	24
CANON CITY	Metropolitan S.D.	6,345	10,000	S	2.0E	11.0	GnScCaFtlnCaD Bo	Ditch	25
CANON CITY	Anderson Morgan Meat Co.	X	-	20	X	2.2	-	Arkansas River	26
CANON CITY	Royal Gorge Packing Co.	X	-	20	X	-	None	Arkansas River	27
CASTLE ROCK		741	784	S	X	X	CaBo	Arkansas River	28
CENTER		2,024	1,500	S	0.6E	X	ShCaD Bo	Plum Creek	29
CHERRY HILLS VILLAGE		750	(X)	X	-	-	-	Drain Ditch	30
		-	-	-	-	-	See Denver - North Side Plant	South Platte River	31

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE
										COLORADO	1957	1 of 11
LINE No.	DRAINAGE BASIN	WATER-COURSE RELEASE	P.E. (BOD)		STREAM FLOW FOR DESIGN		POLLUTION ABATEMENT NEEDS	INDUSTRIAL WASTE USE	FUEL-USE	REMARKS	ADDITIONAL COMMENTS	
			UNTREATED WASTE	DISCHARGED WASTE	MINIMUM FLOW CFS	Duration (Days)						
												Frequency (Years)
	9	10	11	12	13	14	15	16			17	
1	NR	-	1,520	-	-	4	-					
2	NR	-	-	-	-	-	-					
3	NR	-	5,730E	-	-	7	-					
4	NR	UR510	x	x	x	x	x					
5	NR	-	2,000	-	-	4	-					
6	NR	SP296-7-2	2,400	x	x	3	AD					
7	CR	C1274-45	100	x	x	*0	ACDFH	*Secondary treatment plant under construction.				
8	NR	-	600	x	x	7	D					
9	NR	SP297-5.8	17,000	-	0	3	D					
10	NR	SP296-	5,000	x	x	2	BCDFH	*Additional plant, secondary treatment, U.C.				
11	NR	SP245-5.5-	1,000	x	x	2	D					
12	SM	A1280	200E	x	x	0	ABDH					
13	CR	x	100E	x	x	2,4	ABCDFFJ					
14	NR	SP273-25-	21,400	**1.5	30	7	CDFH	**Summer. Low mean monthly flow			Secondary sewage treatment plant under construction.	
15	CR	C1410-50	280	x	x	0	CDFIJA					
16	NR	SP284	x	**58	30	2	BCDH	*Summer. **Winter. Low mean monthly flows.				
17	NR	SP282	7,500	**58	30	0	BCDH	*Summer. **Winter. Low mean monthly flows.				
18	NR	SP284	7,000	**58	30	1A	BCDH	*Summer. **Winter. Low mean monthly flows.			Additional facilities planned.	
19	SM	-	-	-	-	-	-					
20	NR	SP113-	x	x	x	7	BCDH					
21	NR	SP173.8	2,500	*87	30	2	BCDH	*Summer. **Winter. Low mean monthly flows.				
22	SM	-	x	x	x	7	x					
23	SM	-	230E	-	-	7	A					
24	NR	-	2,200	0	-	4	x	*K169.2-238-12.3-236.2				
25	SM	A1320	12,000	x	x	7	ABD					
26	SM	A1320	x	x	x	6	ABD					
27	SM	A1340	x	x	x	6	ABD					
28	NR	SP320.9-	784	x	x	4	BCDH					
29	NR	-	1,500E	0	-	7	ADH					
30	NR	-	1,050E	-	-	-	-					

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE				YEAR		PAGE 2 of 11	
		COLORADO				1957			
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY	1950 POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	IND. GROUP WASTE CLASS.	TREATMENT FACILITIES				LINE No.
	ESTIMATED POPULATION				Discharge for P.E. (100%)	Treatment	Discharge to		
	NUMBER OF PLANT EMPLOYEES								
1	2	3	4	5	6	7	8		
CHEYENNE WELLS	1,154	1,000	S	x	0.90 0.015	SnClBo	Smoky Hill River	1	
CLEAR CREEK S.D.	-	2,000	S	x	x	CaDehbo	Clear Creek	2	
CLIFTON (S.D.)	-	500	S	x	x	Le	Lagoon	3	
CLIMAX*	300-5	-	-	-	x	-	-	-	
CLIMAX*	1,200-5	1,200	CS	0.15	x	ScL	10 mile Creek	4	
COLLBRAN	237	165	S	x	x	Ca	Grove Creek	5	
COLORADO SPRINGS	45,472	53,000	S	10.08	44.80	ScOnCnKxOnKxOnEgIs	Crop Irrigation or Fountain Creek	6	
COLORADO SPRINGS	North Suburban S. D.	5,050	S	x	15.0	DeftuLond	-	-	
COLORADO SPRINGS	U. S. A. F. Academy	15,000	S	x	5.05	ScOnFtnOnDf(Dr)Bu	Fountain Creek	7	
COLUMBIA GARDENS S.A.	-	(500)	x	x	-	U CaFt2nOnOn S I*	Land	8	
CORTIZ	2,560	x	S	x	x	See Denver North Side Plant	South Platte River	9	
CRAIG	3,080	2,770	S	x	x	ScOnL	McElroy Creek	10	
CRAIG	Wm. Blissing Meat Processing Co.	-	20	x	x	CaBo	Yampa River	11	
CRAIG	Emperious Mining Co.	-	10	x	x	-	-	-	
CRIPPLE CREEK	853	800	S	x	-	None	-	-	
CROCK	259	250	S	x	0.5	CaBo	Oil Creek	14	
DACONO	Baum Mine	x-8	-	11	0.245	L	South Platte River	15	
DACONO	Boulder Valley #3 Mine	85	-	11	0.145	L	Slough	16	
DACONO	Graden Mine	30	-	11	0.028	L	Pond	17	
DACONO	Shamrock Mine	x	-	11	x	-	Pond	18	
DACONO	Sterling Mine	60	-	11	x	None	Irrigation Ditch	19	
DEER TRAIL	421	390	S	0.09	-	None	Dry Creek	20	
DEL NORTE	2,048	1,800	S	x	-	None	E. Bijou Creek	21	
DEL NORTE	Del Norte Cheese Factory	x	-	20	x	None	Rio Grande	22	
DELTA	4,097	3,058	S	0.90	-	None	Rio Grande	23	
DENVER	East Plant	415,786	25,000	x	x	x	Uncompahgre River	24	
DENVER	North Side Plant	-	552,600	S	51.5	84.0	S KaCaP	Sand Creek	25
DENVER	Ray Petroleum Co.	50	-	29	0.048	x	ScOnCnKxOnKxOnEgIs	South Platte River	26
DENVER	Buckley Field	1,900-2	1,900	x	x	x	(Separator)	Sand Creek	27
DENVER	Capitol Rendering Co.	x	-	20	x	x	CaFtOnD	Tollgate Creek	28
DENVER	Central Fibres Products Co.	-	-	26	0.775	-	(Winer)	South Platte River	29
DENVER	-	-	-	26	0.775	-	None	South Platte River	30

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 2 of 11
										COLORADO	1957	
LINE No.	WATER-COURSE MILEAGE	P.E. (800)		STREAM FLOW FOR DESIGN		DURATION (Days)	POLLUTION ABATEMENT NEEDS	DOWNSTREAM WATER USE	FUEL-PORT	REMARKS	ADDITIONAL COMMENTS	
		UNTREATED WASTE	DISCHARGED WASTE	MINIMUM FLOW CFS	DESIGN FLOW (CFS)							
9	10	11	12	13	14	15	16	17	18	19	20	
1	MR K169.2-542	1,000	0	-	-	2	C	-	-			
2	MR SP296-	2,000	x	x	2	ABCDH	-	-	-			
3	CR -	1,400	-	-	-	-	-	-	-			
4	CR -	500	-	-	-	7	CDPJ	-	-			
5	CR -	-	-	-	-	-	-	-	-			
6	CR x	1,200	x	x	4	A	-	-	-	*Climax Kolydenum Co. town.		
7	CR -	1,200	-	-	-	-	-	-	-			
8	CR C1230-20	165	x	x	4	CDPLJ	-	-	-			
9	CR -	140	-	-	-	-	-	-	-			
10	SM A1280-49	5,000	x	x	14	AED	-	-	-	*Plans being formulated for secondary treatment.		
11	SM -	3,100	-	-	-	-	-	-	-			
12	SM A1280-49	5,050	x	x	3	ABD	-	-	-			
13	SM -	x	-	-	-	-	-	-	-			
14	SM -	x	x	x	7	-	-	-	-	*Final design plans not available to Colorado	State Health Department.	
15	MR -	-	-	-	-	-	-	-	-			
16	CR -	-	-	-	-	-	-	-	-			
17	CR -	x	-	-	-	2	-	-	-			
18	CR -	x	-	-	-	-	-	-	-			
19	CR C1103-200-123	2,770	x	x	4	CDPJ	-	-	-			
20	CR -	2,400	-	-	-	-	-	-	-			
21	CR x	x	x	x	x	x	x	x	x			
22	CR -	x	-	-	-	-	-	-	-			
23	WG UR600	Inorganic wastes	x	x	x	x	x	x	x			
24	WG -	-	-	-	-	-	-	-	-			
25	SM A1320-23-5	800	x	x	0	ABDFH	-	-	-			
26	SM -	800	-	-	-	-	-	-	-			
27	MR SP123	250	x	x	4	BCDH	-	-	-			
28	MR -	160	-	-	-	-	-	-	-			
29	MR SP253-26.0	Mine	-	-	7	-	-	-	-			
30	MR -	Drainage	-	-	-	-	-	-	-			
31	MR SP253-26.0	Mine	-	-	7	-	-	-	-			
32	MR -	Drainage	-	-	-	-	-	-	-			
33	MR SP253-26.0	Mine	x	x	7	x	-	-	-			
34	MR -	Drainage	-	-	-	-	-	-	-			
35	MR SP253-26.0	Mine	x	x	7	x	-	-	-			
36	MR -	Drainage	-	-	-	-	-	-	-			
37	MR SP189.5-65	390	x	x	0	D	-	-	-			
38	MR -	390	-	-	-	-	-	-	-			
39	WG x	1,800	88	x	60	ADH	-	-	-	*Lagoon under construction.		
40	WG -	1,800	-	-	61	-	-	-	-			
41	WG UR560	x	x	x	x	x	x	x	x			
42	WG -	x	-	-	-	-	-	-	-			
43	CR C1190-50-2	1,058	45	x	0	CDPLJ	-	-	-	*Minimum flow		
44	CR -	1,058	-	-	9	-	-	-	-			
45	MR SP297-5.4	25,000	x	x	2	D	-	-	-			
46	MR -	17,500	-	-	-	-	-	-	-			
47	MR SP299.2	868,804	103	30	2	BCDHN	-	-	-	Based on plant Quarterly Report Jan 1 - Mar 31, '56	**Summer. ***Winter. low mean monthly flows.	
48	MR -	533,000	42	5	-	-	-	-	-			
49	MR SP297-1	3,600	x	x	2	D	-	-	-			
50	MR -	2,400	-	-	-	-	-	-	-			
51	MR SP297-6-	1,900	x	x	7	D	-	-	-			
52	MR -	190	-	-	-	-	-	-	-			
53	MR SP297.5	750	x	x	4	BCDH	-	-	-			
54	MR -	750	-	-	-	-	-	-	-			
55	MR SP301-1.2	7,750	x	x	0	BCDH	-	-	-			
56	MR -	7,750	-	-	-	-	-	-	-			

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE				YEAR	PAGE 3 of 11		
		COLORADO				1957			
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY	1950 POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	AVERAGE DAILY FLOW (MGD)	TREATMENT FACILITIES			LINE No.	
	ESTIMATED POPULATION				Dis'ld by P.E. (MGD)	Treatment	Discharge to		
	NUMBER OF PLANT EMPLOYEES								
1	2	3	4	5	6	7	8		
DENVER	C.B. & Q. R.R. Shops	x	-	34	x	x	(Minor)	South Platte River	1
DENVER	City Park Farm Dairy	16	-	20	x	-	None	Cherry Creek	2
DENVER	Colo. & Southern R.R. Shops	x	-	34	x	x	(Minor)	South Platte River	3
DENVER	Continental Oil Co.	129	-	29	0.18E	x	7(API Separators)	Burlington Ditch	4
DENVER	Empire Petroleum Co.	216	-	29	0.08E	x	7(Separator) L	Sand Creek	5
DENVER	Fed. Correctional Institution	500-2	500	S	x	x	ClFt	Bear Creek	6
DENVER	Fitasimons Hospital	5,000-0	5,000	S	0.574	6.0	G ShScCmF CmEgD B	Tollgate Creek	7
DENVER	Fort Logan	5,000-2	3,000	S	0.11	x	ScCmFtCmEgD Bc	Bear Creek	8
DENVER	Garden Farms Dairy	37	-	20	x	-	None	Sand Creek	9
DENVER	Great Western Mushroom Co.	x	-	20	x	-	L	Lagoon	10
DENVER	Loretta Heights College	400-2	400	S	x	x	Cl	Bear Creek	11
DENVER	Oriental Refining Co.	34	-	29	0.34E	-	7(Separator) L	Sand Creek	12
DENVER	Rio Grande R.R. Shops	x	-	34	x	-	(Minor)	South Platte River	13
DENVER	Rocky Mountain Arsenal	375	-	34	x	-	Lo	Lagoon	14
DENVER	Santa Fe R.R. Shops	x	-	34	x	-	(Minor)	South Platte River	15
DENVER	Skelly Oil Co.	28	-	29	0.07E	-	7(Separator) I	Land	16
DOLORES		729	725	S	x	x	CaIpLaso	Dolores River	17
DURANGO		7,459	5,500	S	x	x	ClCaSc**	Animas River	18
DURANGO	Durango Packing Co.	x	-	20	x	x	x	Animas River	19
DURANGO	Vanadium Corp. of America	x	-	10	.072	-	L	Animas River	20
SABE		1,015	1,011	S	x	x	Ca	Dry Gulch	21
EAGLE		445	355	S	x	-	None	Eagle River	22
EAST JEFFERSON S.		-	(1,500)	x	x	-	See Denver - North Side Plant	South Platte River	23
EAST JEFFERSON ASSOC. S.D.		-	(300)	x	x	-	See Denver - North Side Plant	South Platte River	24
EAST LAKEWOOD S.D.		-	(750)	x	x	-	See Denver - North Side Plant	South Platte River	25
EATON		1,276	1,300	S	0.1E	x	CaBo	Beepage Ditch to J. Platte River	26
EATON	Great Western Sugar Co.	x	-	20	x	x	C	Creek to Cache La Poudre River	27
EDGEWATER (S.D.)		2,580	(3,000)	x	x	-	See Denver - North Side Plant	South Platte River	28
ENGLEWOOD * (S.D. # 19)		16,860	16,000	S	x	x	ScG CmFtCaEdhBo	South Platte River	29
ERIE		937	1,000	S	x	-	Lo	Coal Creek	30

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 3 of 11
										COLORADO	1957	
LINE No.	WASTE TYPE	WAT. & CONSUM. RELEASE	P.E. (BOD)		STEAM FLOW FOR DESIGN		POLLUTION ABATEMENT DESIGN	WASTEWATER TREATMENT	FUEL OIL	REMARKS	ADDITIONAL COMMENTS	
			UNTREATED WASTE		STEAM FLOW (GPM)	STEAM FLOW (GPM)						
			DISCHARGED WASTE									
9	10	11	12	13	14	15	16	17	18	19	20	
1	MR	SP298.6	x	x	x	4	BCDH					
2	MR	SP303-1.0	350	x	x	0	BCDH					
3	MR	SP298.6	x	x	x	4	BCDH					
4	MR	SP301-1.6	6,000	x	x	2	BCDH					
5	MR	SP297-1	900	x	x	5	D					
6	MR	SP311.3-8.5	500	x	x	2	BCDH					
7	MR	SP297-6-1.2	5,000	0	-	7	D					
8	MR	SP311.3-3	3,000	x	x	7	BCDH					
9	MR	SP307-2	750	x	x	0	D					
10	MR	-	x	-	-	7	-					
11	MR	SP311.3-1	400	x	x	2	BCDH					
12	MR	SP297-1	2,000	x	x	5	D					
13	MR	SP298.6	x	x	x	4	BCDH					
14	MR	-	Inorganic waste	-	-	7	-					
15	MR	SP298.6	x	x	x	4	BCDH					
16	MR	-	900	-	-	7	-					
17	CR	C1103-130	8108	x	x	4	CDFIJ					
18	CR	C860-200-50	5,5008	*50	x	4	ADJ	*Minimum			*Town has 2 Imhoff tanks and 2 septic tanks.	
19	CR	C860-200-50	x	*50	x	4	ADJ	*Minimum				
20	CR	C860-200-50	Inorganic waste	*50	x	4	ADJ	*Minimum				
21	SZ	-	1,0118	-	-	4	-					
22	CR	C1300-20	3558	x	x	0	CDFIJA					
23	MR	-	-	-	-	-	-					
24	MR	-	-	-	-	-	-					
25	MR	-	-	-	-	-	-					
26	MR	SP234-7	1,300	0	-	2	x					
27	MR	SP234-7-2	x	x	x	2	x					
28	MR	-	-	-	-	-	-					
29	MR	x	16,000	x	x	3	x					
30	MR	SP253-26-1-7	1,0008	-	-	5	CD					

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE				YEAR	PAGE 4 of 11		
		COLORADO				1957			
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY	1950 POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	AVERAGE DAILY FLOW (MGD)	TREATMENT FACILITIES				LINE No.
	ESTIMATED POPULATION		Sewer GROUP		Treatment	Discharge to			
	NUMBER OF PLANT EMPLOYEES						P.E. (1950)		
								Average daily flow MGD	
1	2	3	4	5	6	7	8		
ERIE	Erie Strip Mine	x	-	11	x	-	None	Coal Creek	1
ERIE	Imperial Mine	*80-S	-	11	0.12E	-	None	Drainage Ditch	
ERIE	Lincoln Mine	46	-	11	x	-	None	Dry Creek	3
ERIE	Morrison Mine	65	-	11	x	-	None	Coal Creek	4
ERIE	Washington Mine	120	-	11	x	-	L	Pond	5
ESTES PARK		1,617	*6,000	S	0.2	x	SoG CmFtn** EgD Bo	Thompson River (Lake Estes)	6
ESTES PARK	Bureau of Reclamation Camp	500-2	500	S	0.05	x	CiFtnE Bo	Thompson River (Lake Estes)	7
EVANSTON		x	(x)	S	x	-	See Frederick	-	8
FAIRPLAY	South Platte Dredging Co.	30	-	10	0.54E	-	L	Lagoons	9
FIRESTONE		297	(x)	S	x	-	See Frederick	-	10
FLAGLER		793	x	S	x	x	x	Tributary to Republican River	11
FLEMING		377	377	S	x	0.4	Lo	Lagoon	12
FLORENCE		2,773	2,765	S	0.15	-	None	Arkansas River	13
FORT COLLINS		14,937	15,000	S	2.8	x	SoC FthCmD	Cache La Poudre River	14
FORT COLLINS	Dreher Pickle Co.	3-S	-	20	x	-	None	Cache La Poudre River	15
FORT COLLINS	Great Western Sugar Co.	-	-	20	x	x	C	Cache La Poudre River	16
FORT LEWIS		41-6	100	S	x	x	Ca	La Plata River	17
FORT LUPTON		1,907	2,200	S	0.8E	2.0	S CiBo	South Platte River	18
FORT LYONS		-	1,500	S	0.20	x	ScCmD Bo	Drainage Ditch to Arkansas River	19
FORT MORGAN		5,315	7,250	S	0.65	1.0	GnScCmDf(Dr)Bo	South Platte River	20
FORT MORGAN	Great Western Sugar Co.	x	-	20	x	x	C 4*11	South Platte River	21
FORT MORGAN	W. & B. Packing Co.	1	-	20	x	x	(Minor)	Irrigation Ditch	22
FORT MORGAN	Tieman Packing Co.	2	-	20	x	x	(Minor)	Irrigation Ditch	23
FOUNTAIN		713	2,000	S	x	x	Lo	Lagoon	24
FOWLER		1,025	1,014	S	0.40E	-	None	Arkansas River	25
FOWLER	Diver Packing Co.	x	-	20	x	-	None	Otero Canal to Arkansas River	26
FREDERICK		399	1,500	S	0.77	11	Lo	Lagoon	27
FRUITA		1,463	1,450	S	0.25	-	None	Salt Creek	28
FRUITDALE S.D.		-	1,000	S	x	x	CaScBo	Clear Creek	29
GEORGETOWN		329	338	S	x	-	None	Clear Creek	30
		375-3	-	-	-	-	-	-	

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 4 of 11
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LINE No.	DRAINAGE BASIN	WATER-COURSE MILEAGE	P.E. (800)		STREAM FLOW FOR DESIGN			COLLECTION ABANDONMENT PERIODS	DOWNSIDE WATER USE	PRE-SENT	REMARKS	ADDITIONAL COMMENTS
			UNTREATED WASTE	DISCHARGED WASTE	MINIMUM FLOW CFS	Duration (Days)	POLLUTION ABATEMENT					
1	MR	SP253-26-10	Mine Drainage	x	x	0	x					
2	MR	SP253-26-10	Mine Drainage	x	x	7	x				*Operates only during Winter months	
3	MR	SP253-26-10	Mine Drainage	x	x	7	x					
4	MR	SP253-26-10	Mine Drainage	x	x	7	x					
5	MR	-	Mine Drainage	-	-	7	-					
6	MR	SP245-55.3	5,000	*46	30	2	ABCDPFIJ				*Summer. In Winter 850, 850 & 600, respectively.	*Only pri. trt. provided in Winter.
7	MR	SP245-56.5	500	*46	30	2	ABCDPFI				*Summer. **Winter. Low mean monthly flows.	*Summer. **Winter. Low mean mo. flow
8	MR	-	220	**6.6	5	-	-					
9	MR	-	-	-	-	-	-					
10	MR	-	Inorganic wastes	-	-	5	-					
11	MR	-	377	-	-	7	-					
12	MR	-	-	-	-	-	-					
13	SM	A1312	2,765	x	x	0	ABD					
14	MR	SP234-37.8	19,230	*115	30	1	BCDH				*Summer. **Winter. Low mean monthly flows.	
15	MR	SP234-59	5,400	**14	5	-	-					
16	MR	SP234-59	2,600	*115	30	0	BCDH				*Summer. **Winter. Low mean monthly flows.	
17	MR	SP234-76	2,600	**14	5	-	-					
18	CR	x	x	*115	30	2	BCDH				*Summer. **Winter. Low mean monthly flows.	
19	SM	A1165-1	1,000E	0	-	7	CDFJ					
20	MR	SP184.6	1,050E	-	-	-	-					
21	MR	SP184.6	7,250E	20**	x	2	BCDH				*Min. summer flow for extreme short periods. ***Summer average.	
22	MR	SP184	x	**87	30	2	BCDH				*Pulp dryer & Steffens Waste Evaporator.	*Summer.***Winter. Low mean monthly flow.
23	MR	SP184.6	100,000	**99	5	-	-					
24	MR	SP184.6	430	x	x	2	BCDH					
25	MR	SP184.6	430	-	x	-	-					
26	MR	SP184.6	600	x	x	2	BCDH					
27	SM	-	600	-	x	-	-					
28	SM	-	2,000	-	-	7	-					
29	SM	A1240	-	-	-	-	-					
30	SM	A1240	1,016E	x	x	0	ACDFJ				*Lagoons to be constructed in 1957.	
31	SM	A1240	1,016E	-	x	-	-					
32	SM	A1240	x	x	x	6	ACDFJ					
33	MR	-	x	-	x	-	-					
34	MR	-	1,500E	-	-	7	-					
35	MR	-	-	-	-	-	-					
36	CR	C1170-5	1,450	0	-	0	CDFJ					
37	MR	SP296-	1,450	-	-	-	-					
38	MR	SP296-	1,000	x	x	2	ABCDPFI					
39	MR	SP296-	650	-	x	-	-					
40	MR	SP296-51	338	*94	30	0	BCDFHA				*Summer. **Winter. Low mean monthly flows.	
41	MR	-	338	**28	5	-	x					

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE				YEAR		PAGE 5 of 11	
		COLORADO				1957			
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY	1950 POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	SEWER DAILY FLOW AND	TREATMENT FACILITIES			LINE No.	
	ESTIMATED POPULATION		IND. GROUP WASTE CLAIM	SEWER DAILY FLOW AND	Treatment	Discharge to			
	THRESHOLD OF PLANT CAPACITY								
1	2	3	4	5	6	7	8		
GILMAN	-	100	S	x	0.633	ClEgBo	Tailings pond	1	
	300-6	-	-	-	0.23	-	-		
GLENWOOD SPRINGS	2,412	2,160	S	x	1.6	ScCdD Bo	Colorado River	2	
	-	-	-	-	x	-	-		
GOLDEN	5,238	(6,200)	S	x	-	See Golden - Coors Brewery	Clear Creek	3	
GOLDEN	Coors Brewery	500	6,200**	20	2.22	ShDhSgKaCsTso	Clear Creek	4	
*	-	-	M	-	x	DchrDgpla	-		
GRANADA	551	440	S	0.062	x	ShCiBo	Arkansas River	5	
	-	-	-	-	x	-	-		
GRANBY (S. D.)	463	500	S	0.05	1.44	S G CiFtlhC E Bo	Fraser River	6	
	-	-	-	-	x	-	-		
GRAND JUNCTION	14,504	14,435	C	2.82	x	S CdD Bo	Colorado River	7	
	-	-	-	-	4.0	-	-		
GRAND JUNCTION	Climax Uranium Company	x	x	10	x	x	x	8	
	-	-	A	-	-	x	-		
GRAND LAKE	309	2,500	S	x	2.5	S G CmFtlhCmE DhBo	Shadow Mountain Reservoir	9	
	-	-	-	-	x	-	-		
GREELEY	20,354	21,000	S	1.6	37.5	ScCmFtlhCmDhBo	Cache La Poudre River	10	
	-	-	-	-	x	-	-		
GREELEY	Associated Seed Growers, Inc.	x	-	20	x	S	Cache La Poudre River	11	
	-	-	R	-	x	-	-		
GREELEY	Great Western Sugar Co.	x	-	20	x	C	Cache La Poudre River	12	
	-	-	A	-	x	-	-		
GREELEY	Greeley Rendering Plant	7	-	20	x	C 7	Cache La Poudre River	13	
	-	-	P	-	x	-	-		
GUNNISON	2,770	1,850	C	1.2	-	None	Tomich Creek to Gunnison River	14	
	-	-	-	-	-	-	-		
GYPSUM	345	245	S	x	-	None	Eagle River	15	
	-	-	-	-	-	-	-		
HAMILTON	Texas Co. Moffat Oil Field	x	-	13	x	L	Williams Fork	16	
	-	-	x	-	x	-	-		
HAXTUN	1,006	1,200	S	x	x	ClBoI	Land	17	
	-	-	-	-	x	-	-		
HAYDEN	767	690	S	0.254	x	CsBo	Yampa River	18	
	-	-	-	-	x	-	-		
HOLLY	1,236	1,244	S	0.362	-	None	Horse Creek	19	
	-	-	-	-	-	-	-		
HOLYOKE	1,558	1,230	S	x	x	ClFtrC Bo	Frenchman Creek	20	
	-	-	-	-	x	-	-		
HOTCHKISS	715	655	S	0.2	-	None	North Fork of Gunnison River	21	
	-	-	-	-	-	-	-		
HUGO	943	845	S	x	x	CsBo	Big Sandy River	22	
	-	-	-	-	x	-	-		
HYLAND PARK S.D.	-	(750)	x	-	-	See Denver - North Side Plant	South Platte River	23	
	-	-	-	-	-	-	-		
IDAHO SPRINGS	1,769	1,800	S	x	-	G S CdDrBo*	Clear Creek	24	
	-	-	-	-	-	-	-		
IDAHO SPRINGS	A.S. & R. Mill	x	-	10	x	x	Clear Creek	25	
	-	-	A	-	x	-	-		
IDAHO SPRINGS	Argo Mine	x	-	10	x	x	Clear Creek	26	
	-	-	A	-	x	-	-		
IDAHO SPRINGS	Arthur Bortenier's Mill	x	-	10	x	L	Lagoon	27	
	-	-	A	-	x	-	-		
IDAHO SPRINGS	Black Eagle Mill	x	-	10	x	L	Lagoon	28	
	-	-	A	-	x	-	-		
IDAHO SPRINGS	Dixie Mill	x	-	10	x	L	Lagoon	29	
	-	-	A	-	x	-	-		
IDAHO SPRINGS	Lombard Mill	x	-	10	x	x	Clear Creek	30	
	-	-	A	-	x	-	-		

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	COLORADO	YEAR	1957	PAGE 5 of 11
LINE No.	WATER-COURSE NAME	P.E. (000)		STREAM FLOW FOR DESIGN		DURATION (Days)	FLOODING ABATEMENT (Years)	DOWNSIDE WATER USE	FEE-ENT	REMARKS	ADDITIONAL COMMENTS			
		UNTREATED WASTE	DISCHARGED WASTE	MINIMUM FLOW CFS	MAXIMUM FLOW CFS									
		9	10	11	12							13	14	15
1	CR	-	300	-	-	7	x							
2	CR	C1270	2,160	*306	x	2	CDFIJA	*Minimum flow						
3	MR	SP296-18	-	-	-	-	x							
4	MR	SP296-18	77,000	*94	30	2	ABCDPH	*Summer. *Winter. Low mean monthly flows.		*6,200 E.P.E. from Golden (S. D. # 17)				
5	SM	A1115	440	x	x	2	CD							
6	CR	x	500	x	x	3	A							
7	CR	C1190	14,435	*106	x	1	CDFJ	*Minimum recorded		Two secondary treatment plants to be constructed in 1957.				
8	CR	x	9,800	-	39	42	x							
9	CR	x	2,500	x	x	3	A							
10	MR	SP234-4.4	26,160	*11.5	30	3	BCDH	*Summer. **Winter. Low mean monthly flows.						
11	MR	SP234-4.5	15,000	**11	5	-	-							
12	MR	SP234-4	2,300	*11.5	30	4	BCDH	*Summer. **Winter. Low mean monthly flows.						
13	MR	SP234-6	2,300	**11	5	-	-							
14	MR	SP234-4	x	*11.5	30	2	BCDH	*Summer. **Winter. Low mean monthly flows.						
15	MR	SP234-6	210,000	**11	5	-	-							
16	MR	SP234-6	2,100	*11.5	30	2	BCDH	*Summer. **Winter. Low mean monthly flows.						
17	MR	SP234-6	1,700	**11	5	-	-							
18	CR	C1190-150-2	1,850	x	x	0	CDFIJA							
19	CR	C1300-8	245	x	x	0	CDFIJ							
20	CR	x	245	-	x	-	-							
21	CR	x	x	x	x	x	x							
22	CR	x	x	-	x	-	-							
23	MR	K169.2-11	1,200	**	-	4	x	*To Land. **Minimum flow of 0 cfs in Frenchman Cr.						
24	MR	SP234-4.4	*800	-	-	-	-							
25	MR	SP234-4.5	690	x	x	4	CDFJ							
26	MR	SP234-4.5	600	-	x	-	-							
27	SM	A1105	1,244	x	x	0	D							
28	SM	A1105	1,244	-	x	-	-							
29	MR	K169.2-11	1,230	x	x	3	CFJ							
30	MR	K169.2-11	1,020	-	x	-	-							
31	CR	C1190-70-10	655	x	x	0	CDFIJ							
32	CR	C1190-70-10	655	-	x	-	-							
33	SM	A1130-95	845	-	-	4	C							
34	SM	A1130-95	590	-	-	-	-							
35	MR	-	-	-	-	-	-							
36	MR	SP296-37	1,800	x	x	2	BCDPHA							
37	MR	SP296-37	1,800	-	x	-	-							
38	MR	SP296-37	Inorganic wastes	x	x	x	x							
39	MR	SP296-37	Inorganic wastes	-	x	-	-							
40	MR	SP296-37	Inorganic wastes	x	x	x	x							
41	MR	SP296-37	Inorganic wastes	-	x	-	-							
42	MR	SP296-37	Inorganic wastes	-	-	7	-							
43	MR	SP296-37	Inorganic wastes	-	-	7	-							
44	MR	SP296-37	Inorganic wastes	-	-	7	-							
45	MR	SP296-37	Inorganic wastes	-	-	7	-							
46	MR	SP296-37	Inorganic wastes	-	-	7	-							
47	MR	SP296-37	Inorganic wastes	-	-	7	-							
48	MR	SP296-37	Inorganic wastes	-	-	7	-							
49	MR	SP296-37	Inorganic wastes	-	-	7	-							
50	MR	SP296-37	Inorganic wastes	-	-	7	-							
51	MR	SP296-37	Inorganic wastes	-	-	7	-							
52	MR	SP296-37	Inorganic wastes	-	-	7	-							
53	MR	SP296-37	Inorganic wastes	-	-	7	-							
54	MR	SP296-37	Inorganic wastes	-	-	7	-							
55	MR	SP296-37	Inorganic wastes	-	-	7	-							
56	MR	SP296-37	Inorganic wastes	-	-	7	-							
57	MR	SP296-37	Inorganic wastes	-	-	7	-							
58	MR	SP296-37	Inorganic wastes	-	-	7	-							
59	MR	SP296-37	Inorganic wastes	-	-	7	-							
60	MR	SP296-37	Inorganic wastes	-	-	7	-							
61	MR	SP296-37	Inorganic wastes	-	-	7	-							
62	MR	SP296-37	Inorganic wastes	-	-	7	-							
63	MR	SP296-37	Inorganic wastes	-	-	7	-							
64	MR	SP296-37	Inorganic wastes	-	-	7	-							
65	MR	SP296-37	Inorganic wastes	-	-	7	-							
66	MR	SP296-37	Inorganic wastes	-	-	7	-							
67	MR	SP296-37	Inorganic wastes	-	-	7	-							
68	MR	SP296-37	Inorganic wastes	-	-	7	-							
69	MR	SP296-37	Inorganic wastes	-	-	7	-							
70	MR	SP296-37	Inorganic wastes	-	-	7	-							
71	MR	SP296-37	Inorganic wastes	-	-	7	-							
72	MR	SP296-37	Inorganic wastes	-	-	7	-							
73	MR	SP296-37	Inorganic wastes	-	-	7	-							
74	MR	SP296-37	Inorganic wastes	-	-	7	-							
75	MR	SP296-37	Inorganic wastes	-	-	7	-							
76	MR	SP296-37	Inorganic wastes	-	-	7	-							
77	MR	SP296-37	Inorganic wastes	-	-	7	-							
78	MR	SP296-37	Inorganic wastes	-	-	7	-							
79	MR	SP296-37	Inorganic wastes	-	-	7	-							
80	MR	SP296-37	Inorganic wastes	-	-	7	-							
81	MR	SP296-37	Inorganic wastes	-	-	7	-							
82	MR	SP296-37	Inorganic wastes	-	-	7	-							
83	MR	SP296-37	Inorganic wastes	-	-	7	-							
84	MR	SP296-37	Inorganic wastes	-	-	7	-							
85	MR	SP296-37	Inorganic wastes	-	-	7	-							
86	MR	SP296-37	Inorganic wastes	-	-	7	-							
87	MR	SP296-37	Inorganic wastes	-	-	7	-							
88	MR	SP296-37	Inorganic wastes	-	-	7	-							
89	MR	SP296-37	Inorganic wastes	-	-	7	-							
90	MR	SP296-37	Inorganic wastes	-	-	7	-							
91	MR	SP296-37	Inorganic wastes	-	-	7	-							
92	MR	SP296-37	Inorganic wastes	-	-	7	-							
93	MR	SP296-37	Inorganic wastes	-	-	7	-							
94	MR	SP296-37	Inorganic wastes	-	-	7	-							
95	MR	SP296-37	Inorganic wastes	-	-	7	-							
96	MR	SP296-37	Inorganic wastes	-	-	7	-							
97	MR	SP296-37	Inorganic wastes	-	-	7	-							
98	MR	SP296-37	Inorganic wastes	-	-	7	-							
99	MR	SP296-37	Inorganic wastes	-	-	7	-							
100	MR	SP296-37	Inorganic wastes	-	-	7	-							

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

			STATE		YEAR		PAGE 6 of 11		
			COLORADO		1957				
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY	1950	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	AVERAGE DAILY FLOW MGD	TREATMENT FACILITIES			LINE No.	
	ESTIMATED POPULATION				Disch'd to P.E. (1950's) Average daily flow MGD	Treatment	Discharge to		
	NUMBER OF PLANT EMPLOYEES								
1	2	3	4	5	6	7	8		
IDAHO SPRINGS	Old Ore Processing Mill	x	-	10	x	-	x	Clear Creek	1
IDAHO SPRINGS	Ozark - Mahoning	x	-	10	x	-	x	Clear Creek	2
IDAHO SPRINGS	Silver Spruce Mill	x	-	10	x	-	x	Lagoon	3
IDAHO SPRINGS	Hollif Tongue Mill	x	-	10	x	-	x	Clear Creek	4
IGNACIO		526	488	S	x	x	Cs	Slough to	5
JASPAR	Summitville Mining Co.	650-3	-	-	-	x	-	Los Pinos River	
JOHNSTOWN		897	900	S	0.3	-	x	Alamosa Creek	6
JOHNSTOWN	Great Western Sugar Co.	x	-	20	x	x	x	Little Thompson River	7
JULESBURG		1,921	1,800	S	x	-	-	Little Thompson River	8
JULESBURG	Platte Valley Potato Growers	x	-	20	x	-	L	South Platte River	9
JULESBURG	H.E. Reichelt Jr.	20-S	-	20	x	-	-	Lagoons	10
JULESBURG	U.P.R.R. Water Treatment Plant	x	-	*	x	-	L	-	11
KENNESBURG		432	150	S	x	x	Lp	Ditch	12
KREWEY		204	244	S	0.153	x	Lp	Lagoon	13
LAFAYETTE		2,090	1,250	S	0.153	5.225	CpDpSp	-	14
LAFAYETTE	Black Diamond #2 Mine	x	-	11	x	-	-	Coal Creek	15
LAFAYETTE	Hi-way Mine	45	-	11	0.123	-	L	-	16
LA JARA		912	1,100	S	x	-	-	Irrigation Ditch	17
LA JARA	La Jara Canning Co.	x	-	20	x	-	-	Creek to Coal Creek	18
LA JUNTA		7,712	7,268	S	1.63	-	-	La Jara Creek	19
LA JUNTA	Colorado Packing Co.	x	-	20	x	-	-	Irrig. Ditch to La Jara Creek	20
LA JUNTA	Cranson Golden Rule Dairy	x	-	20	x	x	-	Arkansas River	21
LA JUNTA	La Junta Rendering Plant	x	-	20	x	-	-	Arkansas River	22
LA JUNTA	Riverside Packing Co.	x	-	20	x	-	-	Arkansas River	23
LA JUNTA	Santa Fe Railroad Shops	x	-	39	x	-	-	Arkansas River	24
LA JUNTA	Western Canning Co.	x	-	20	x	-	-	Arkansas River	25
LA JUNTA	Wilder's Abattoir	x	-	20	x	x	Is	Arkansas River	26
LAFAYETTE S.D.		-	(10,700)	x	x	-	-	Sub-surface	27
LAMAR		6,829	7,712	S	0.403	-	-	See Denver South Platte River	28
LARIMER COUNTY	Cherry Products Co.	38-S	-	20	x	-	-	Arkansas River	29
		-	-	-	-	-	-	Big Thompson River	30

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 6 of 11
										COLORADO	1957	
LINE No.	WASTE TYPE	WATER-COURSE RELEASE	P.E. (BOG)	STREAM FLOW FOR DESIGN		DURATION (Days)	PRO-JECT (Years)	DOWNSIDE WATER USE	PRELIMINARY	REMARKS	ADDITIONAL COMMENTS	
			UNTREATED WASTE	DISCHARGED WASTE	MINIMUM FLOW CFS							DESIGN FLOW CFS
			9	10	11							12
1	MR	SP296-37	Inorganic wastes	x	x	x	x					
2	MR	SP296-37	Inorganic wastes	x	x	x	x					
3	MR	-	Inorganic wastes	-	-	-	7					
4	MR	SP296-37	Inorganic wastes	x	x	x	x					
5	CR	C860-230-20	488 440	40	x	7	AD			*Minimum flow.		
6	WG	x	Inorganic wastes	x	x	x	D					
7	MR	SP245-5.5-2	900 900	x	x	0	D					
8	MR	SP245-5.5-2	x x	x	x	x	x			*Special processing of Steffen's House molasses.		
9	MR	SP90	1,800 1,800	x	x	0	BCDH					
10	MR	-	Inorganic wastes	-	-	-	7			*Potato washing.		
11	MR	SP90-1	Inorganic wastes	x	x	0	x			*Potato washing.		
12	MR	-	Inorganic wastes	-	-	-	7			*Water softening plant.		
13	MR	-	150	-	-	-	7					
14	MR	-	244	-	-	-	7					
15	MR	SP253-26-1-8	1,250 875	x	x	2	CD					
16	MR	SP253-26-1-8	Mine Drainage	x	x	7	x					
17	MR	SP253-26-1-7-2	Mine Drainage	0	-	7	CD					
18	WG	x	1,100E 1,100E	0	-	0	ADH					
19	WG	x	x	x	x	x	x					
20	SM	A1195	7,268E 7,268E	x	x	0	DFJ					
21	SM	A1195	x	x	x	6	DFJ					
22	SM	-	x	-	-	6	-					
23	SM	A1195	x	x	x	6	DFJ					
24	SM	A1195	x	x	x	6	DFJ					
25	SM	A1195	x	x	x	x	DFJ					
26	SM	A1195	x	x	x	6	DFJ					
27	SM	-	x	-	-	-	-					
28	MR	-	-	-	-	-	-					
29	SM	A1133	7,715E 7,715E	x	x	0	CDH					
30	MR	SP245-30.3	2,500 2,500	x	x	0	CDPH					

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE				YEAR		PAGE 7 of 11	
		COLORADO				1957			
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY	TWO POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	AVERAGE DAILY FLOW MGD	TREATMENT FACILITIES				LINE No.
	ESTIMATED POPULATION				BOD GROUP	BOD ₅ P.E. (1000's)	Treatment	Discharge to	
	NUMBER OF PLANT EMPLOYEES								
1	2	3	4	5	6	7	8		
LA SALLE		797	800	S	x	x	CsBo	South Platte River	1
LA SALLE	Farr Farms	31-S	-	20	0.2E	x	I	Land to	2
	Potato Company	-	-	*R	CP	-	-	irrigation ditch	
LAS ANIMAS		3,223	2,422	S	1.20E	-	None	Arkansas River	3
LA VETA		701	696	S	x	x	Cs	Cucharis River	4
LEADVILLE		4,081	5,000	S	x	x	CmDnBo	California Gulch	5
		-	-	-	-	x	-	to Arkansas River	
LEADVILLE	American Smelting & Refining Co.	x	-	33	x	-	None	California Gulch	6
		-	-	D	-	-	-	to Arkansas River	
LEADVILLE	Resurrection Mining	x	-	10	x	-	L	California Gulch	7
		-	-	A	-	x	-	to Arkansas River	
LIMON		1,471	1,294	S	x	x	CsBo	Big Sandy Creek	8
		-	-	-	-	x	-	-	
LITTLETON (S.D. # 21)		3,378	2,660	S	x	x	CmFtnDnBo	South Platte River	9
LONGMONT		8,099	8,000	S	x	x	C FtD Bo	St. Vrain Creek	10
		-	-	-	-	x	-	-	
LONGMONT	Great Western Sugar Co.	x	-	20	x	x	C 4(Steffens waste evaporation)	St. Vrain Creek	11
		-	-	A	-	x	-	-	
LONGMONT	Kuner-Empson	200-S	-	20	x	-	None	St. Vrain Creek	12
		-	-	C	-	-	-	-	
LOUISVILLE		1,978	500	S	x	x	S G C FeBo	Coal Creek	13
		-	-	-	-	x	-	-	
LOUVIERS		-	380	x	x	x	CiFtn	Plum Creek	14
		380-3	-	-	-	x	-	-	
LOUVIERS	Dupont Nemours & Co., Inc.	x	-	34	x	-	None	Plum Creek	15
		-	-	x	-	-	-	-	
LOVELAND	Plant # 1	6,773	2,000	S	x	x	CiFtBo	Big Thompson River	16
		-	-	-	-	x	-	-	
LOVELAND	Plant # 2	-	6,000	S	x	x	ScCmFtnCmD Bo	Big Thompson River	17
		-	-	-	-	1.0	-	-	
LOVELAND	Great Western Sugar Co.	x	-	20	x	x	C 4 Steffens waste li*	Big Thompson River	18
		-	-	A	-	x	-	-	
LOVELAND	Kuner-Empson	230-S	-	20	x	-	None	Big Thompson River	19
		-	-	C	-	-	-	-	
LOVELAND	Neville's Cherry Cider	x	-	20	x	-	I	Land	20
		-	-	R	-	-	-	-	
LOVELAND	Wolaver Co.	40-S	-	20	x	-	Ip	Natural Gravel Bed	21
		-	-	B	-	-	-	-	
LUCERNE	Lucerne Potato Growers	35-S	-	20	**	-	S	Irrigation ditch	22
		-	-	*R	CP	x	-	-	
LUCERNE	Weld Co. Potato Growers Ass'n.	35-S	-	20	0.02E	-	S	Irrigation ditch	23
		-	-	*R	CP	x	-	-	
LYONS		689	600	S	x	x	ScG CiBo	St. Vrain Creek	24
		-	-	-	-	x	-	-	
MANCOS		785	620	S	x	x	CsI La	Land	25
		-	-	-	-	x	-	-	
MANITOU SPRINGS		2,580	(2,610)	S	-	-	See Colorado Springs	Crop Irrigation or Fountain Creek	26
		-	-	-	-	-	-	-	
MANZANOLA		543	490	S	0.03E	-	None	Arkansas River	27
		-	-	-	-	-	-	-	
NEEKER		1,658	990	S	x	-	None	White River	28
		-	-	-	-	-	-	-	
NEEKER	Burrell No. 1 Uranium Mine	x	-	10	x	-	x	x	29
		-	-	-	-	-	-	-	
NEEKER	Diamond Drillers Uranium Mine	x	-	10	x	-	x	x	30
		-	-	-	-	-	-	-	

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 7 of 11
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LINE No.	WATER-COURSE RELEASE	P.E. (BOD)	STREAM FLOW FOR DESIGN		FACILITY NAME	WATER USE	FEE-EST	REMARKS	ADDITIONAL COMMENTS			
			UNTREATED WASTE	DISCHARGED WASTE						MINIMUM FLOW CFS	DESIGN FLOW (CFS)	
			DISCHARGED WASTE	DISCHARGED WASTE						DESIGN FLOW (CFS)	DESIGN FLOW (CFS)	
9	10	11	12	13	14	15	16	17				
1	MR SP239.8	800	x	x	4	BCDH						
10	-	700	-	x	-	-						
2	MR SP240-3	Inorganic wastes	x	x	2	BCDH	*Potato washing					
10	-	-	-	x	-	-						
3	SM A1174	2,422E	x	x	0	DF						
1	-	2,422E	-	x	-	-						
4	SM A1253-35-10	696E	x	x	4	ADH						
1	-	487E	-	x	-	-						
5	SM A1445-4	x	0	-	7	CDPFA						
1	-	x	-	-	-	-						
6	SM A1445-4	x	0	-	x	CDPFA						
1	-	x	-	-	-	-						
7	SM A1445-4	Inorganic wastes	0	-	x	CDPFA						
1	-	-	-	-	-	-						
8	SM A1130-125	1,294E	0	-	4	C						
1	-	908E	-	-	-	-						
9	MR SP314	2,66E	x	x	2	BCDH						
10	-	1,300	-	x	-	-						
10	MR SP253-26.8	8,000	*56	30	2	CDFH	*Summer. **Winter. Low mean mo. flow near Lyons.					
10	-	4,000	*55	5	-	-						
11	MR SP253-26	x	*56	30	2	CDFH	*Summer. **Winter. Low mean mo. flow near Lyons.					
10	-	500,000	*55	5	-	-						
12	MR SP253-26	18,000	*56	30	0	CDFH	*Summer. **Winter. Low mean mo. flow near Lyons.					
10	-	18,000	*55	5	-	-						
13	MR SP253-26-7-13	x	x	x	x	x						
10	-	x	-	x	-	-						
14	MR SP320.9-21	380	x	x	2	BCDH						
10	-	180	-	x	-	-						
15	MR SP320.9-20	Inorganic wastes	x	x	0	BCDH						
10	-	-	-	x	-	-						
16	MR SP245-22.9	2,000	*57	30	2	BCdFH	*Summer. **Winter. Low mean monthly flows.					
10	-	1,000	*10.5	5	-	-						
17	MR SP245-22.7	9,750	*57	30	3	BCdFH	*Summer. **Winter. Low mean monthly flows.					
10	-	5,000	*10.5	5	-	-						
18	MR SP245-21	x	*57	30	2	BCdFH	*Summer. **Winter. Low mean monthly flows.					
10	-	150,000	*10.5	5	-	-						
19	MR SP245-22	2,500	*57	30	0	BCdFH	*Summer. **Winter. Low mean monthly flows.					
10	-	2,500	*10.5	5	-	-						
20	MR -	2,500	-	-	7	-						
10	-	0	-	-	-	-						
21	MR -	1,560	-	-	7	-						
10	-	0	-	-	-	-						
22	MR SP234-4-5	Inorganic wastes	x	x	2	CD	*Potato washing					
10	-	-	-	x	-	-	*0.0008E					
23	MR SP234-4-5	Inorganic wastes	x	x	2	CD	*Potato washing					
10	-	-	-	x	-	-	-					
24	MR SP253-37	x	x	x	2	x						
10	-	x	-	x	-	-						
25	CR -	620	-	-	7	-						
6	-	0	-	-	-	-						
26	SM -	-	-	-	-	-						
1	-	-	-	-	-	-						
27	SM A1230	490E	x	x	0	ADPJ						
1	-	490E	-	x	-	-						
28	CR C1103-120-115	990	x	x	0	CDPJ	*Not Wecker municipal system. System owned by mutual assoc.					
7	-	990	-	x	-	-						
29	CR -	Inorganic wastes	x	x	x	x						
7	-	-	-	x	-	-						
30	CR -	Inorganic wastes	x	x	x	x						
7	-	-	-	x	-	-						

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		STATE				YEAR		PAGE 8 of 11	
		COLORADO				1957			
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	AVERAGE DAILY FLOW (MGD)	TREATMENT FACILITIES		Discharge to	LINE No.
		ESTIMATED POPULATION		NO. GROUP		Treatment			
		NUMBER OF PLANT EMPLOYEES		WASTE CLASS.					
		1	2	3	4	5	6	7	8
WEEKER	Last Day Uranium Mine	x	-	10	x	-	x	x	1
BERING		209	300	8	x	-	None	South Platte River	2
MILLIKEN		510	300	8	x	-	None	Big Thompson River	3
MONTTE VISTA		3,272	3,865	8	x	-	None	San Antonio River to Rio Grande	4
MONTROSE		4,295-3	4,360	8	2.77	x	ShKsCmD Bo	Uncompangre River	5
MORRISON	Girls School	-	x	8	x	x	CaLe	Lagoon	6
MOUNTAIN VIEW (S.D.)		978	(900)	8	x	-	See Denver - North Side Plant	South Platte River	7
NATURITA	Vanadium Corp. of America	x	x	10	x	x	x	x	8
NEW CASTLE (S. D.)		483	x	8	x	1.0	ClBo	Colorado River	9
NORTH WASHINGTON STREET S.D. *		-	11,900	8	x	x	SeCmFtlhJhBo	South Platte River	10
NORTHWEST LAKEWOOD		-	2,000	8	x	3.0	CmChdo	Clear Creek	11
NORWOOD		294	294	8	x	x	Le	Lagoon	12
NUCLA		457	300	8	x	x	Lo	Lagoon	13
OAK CREEK		1,488	1,275	8	x	x	Q SnCmDoBo	Oak Creek	14
OLATHE		810	800	8	x	-	None	Uncompangre River	15
ORDWAY		1,200	1,162	8	0.03	x	CaLe	Lake Meredith*	16
OTIS (S. D.)		532	250	8	x	0.6	Lo	Lagoon	17
OURAY		1,089	1,080	8	x	-	None	Uncompangre River	18
OVID		664	850	8	0.07E	-	None	Lodgepole Creek	19
OVID	Great Western Sugar Co.	850-3	-	20	x	-	None 11*	Lodgepole Creek	20
PALISADE		861	855	8	x	0.27	ClBo	Colorado River	21
PAONIA		1,237	1,250	8	0.30	-	None	North Fork of Gunnison River	22
PLATTEVILLE		570	700	8	x	-	None	South Platte River	23
PLATTEVILLE	Platteville Potato Ass'n.	76-8	-	20	.038E	-	None	Ditch	24
PORTLAND (Prescott County)		205	205	8	0.40	x	ShCmFtrD Bo	Arkansas River	25
PUEBLO		63,683	54,027	C	12.75	x	ShG KamCmD Bo	Arkansas River	26
PUEBLO	City Park Dairy	x	-	20	x	x	Is	Sub-surface	27
PUEBLO	Colorado Fuel & Iron Corp.	x	-	33	x	-	None	Salt Creek to Arkansas River	28
PUEBLO	Hillside Dairy	x	-	20	x	x	CaL	Ponds	29
RAMAH		142	130	8	0.01E	x	CaBo	Big Sandy Creek	30

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 6 of 11
										COLORADO	1957	
LINE No.	FACILITY	WASTE CHARACTER	P.E. (GPD)	TREATMENT		POLYMER (GPD)	FILLING (GPD)	ABANDONMENT (GPD)	INFORMATIONAL WATER USE	FUEL OIL	REMARKS	ADDITIONAL COMMENTS
			UNFERTILIZED WASTE	ENRICHED WASTE								
			10	11	12							
1	2	3	4	5	6	7	8	9	10	11	12	13
1	CR	X	Inorganic	X	X	X	X					
7	7	-	wastes	-	X	-	-					
2	WR	SP166.8	300	X	X	0	BCDR					
10	10	-	300	-	X	-	-					
3	WR	SP245-5.5	500	X	X	0	CD					
10	10	-	500	-	X	-	-					
4	WD	X	3,965			0	ADR				*Minimum	
9	9	-	3,965			17	-					
5	CR	C1190-50-	4,360	X	X	2	CDFIJ					
5	5	80	X	-	X	45	-					
6	WR	-	X	-	-	7	-					
10	10	-	X	-	-	-	-					
7	WR	-	-	-	-	-	-					
10	10	-	-	-	-	-	-					
8	CR	X	X	X	X	X	X					
5	5	-	X	-	X	-	-					
9	CR	C1260	X	X	X	2	CDFIJA					
5	5	-	X	-	X	-	-					
10	WR	SP296	11,080	X	X	X	X					
10	10	-	5,000	-	X	-	-					
11	WR	SP296-X	X	X	X	2	ABCDPI					
10	10	-	X	-	X	-	-					
12	CR	-	294	-	-	7	-					
5	5	-	X	-	-	-	-					
13	CR	-	500	-	-	7	-					
5	5	-	-	-	-	-	-					
14	CR	C1103-200-	1,2750	X	X	3	CDPJ					
7	7	170-15	X	-	X	-	-					
15	CR	C1190-50-	800	X	X	0	CDFIJ					
5	5	15	800	-	X	-	-					
16	SW	A1225-10	1,1628	-	-	4	D				*Leaching line overflow to Lake.	
1	1	-	8130	-	-	-	-					
17	WR	-	250	-	-	7	-					
11	11	-	X	-	-	-	-					
18	CR	C1190-50-	1,080	X	X	0	CDFIJ					
5	5	80	1,080	-	X	-	-					
19	WR	SP90-0.2	850	X	X	0	CD					
10	10	-	850	-	X	-	-					
20	WR	SP90-0.2	80,000	X	X	0	CD				*Elimination of Steffen House wastes.	
10	10	-	80,000	-	X	-	-					
21	CR	C1210	8558			2	CDPJ				*Minimum flow.	
5	5	-	8558	-		31	-					
22	CR	C1190-70-	1,250	X	X	0	CDPI					
5	5	20	1,250	-	X	-	-					
23	WR	SP264.4	700	X	X	0	BCDR					
10	10	-	700	-	X	-	-					
24	WR	SP264	Inorganic			0	BCDR				*Potato washing.	
10	10	-	wastes	-	-	-	-					
25	SW	A1307	2058	X	X	7	ABDR					
1	1	-	828	-	X	-	-					
26	SW	A1280	54,0878	X	X	1	ABDR					
1	1	-	37,818	-	X	42	-					
27	SW	-	X	-	-	X	-					
4	4	-	X	-	-	-	-					
28	SW	A1280-	X	X	X	0	ABDR					
1	1	-	X	-	X	-	-					
29	SW	-	X	-	-	X	-					
1	1	-	X	-	-	-	-					
30	SW	A1130-80-	150	X	X	4	CD					
1	1	80-5-10-35	110	-	X	-	-					

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE				YEAR			
		COLORADO				1957		9 of 11	
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	EST. GROUP	EST. DAILY FLOW (MGD)	TREATMENT FACILITIES		LINE No.
		ESTIMATED POPULATION		Treatment			Discharge to		
		NUMBER OF PLANT EMPLOYEES						SEWER CLASS	
1	2	3	4	5	6	7	8	9	10
RANGELY (S. D.)		808	1,000	S	x	1.0	ClSo	White River	1
RANGELY	California Company	50	50	x	0.022	x	CaIs	Sub-surface Tile Field	2
RED CLIFF		556	60	S	x	-	None	Turkey Creek	3
RICO	Rico Argentine	x	-	10	0.072	-	Lp*	Silver Creek to Dolores River	4
RIFLE		1,525	1,500	S	1.2	x	CmSoDnD	Colorado River	5
RIFLE		-	200	S	x	-	None	Colorado River	6
RIFLE	Bureau of Mines Oil Shale Plant	300	-	13	0.10	x	O Is	Seepage Pit	7
RIFLE	Bureau of Mines Oil Shale Plant	-	300	x	0.022	x	CaIs	Seepage Pit	8
RIFLE	Union Carbide Nuclear	x	x	10	x	x	x	x	9
ROCKY FLATS	Rocky Flats Atomic Energy Plant	x	x	x	x	x	C L S	x	10
ROCKY FORD		4,087	4,000	S	0.83	-	None	Arkansas River	11
ROCKY FORD	American Crystal Sugar Co.	x	-	20	x	x	Lp	Arkansas River	12
ROCKY FORD	Leroy's Locker Plant	x	-	20	x	x	Ca	Arkansas River	13
RYE		156	160	S	x	x	ClI So	Land	14
RYE	Greenhorn Valley Creamery	x	-	20	x	x	CaIs	Sub-surface	15
SALIDA		4,552	4,200	S	x	-	None	Arkansas River	16
SALIDA	Chaffee Co. Fluorspar	x	-	33	x	-	None	Arkansas River	17
SALIDA	Colorado Fluorspar Co.	x	-	33	x	-	None	Arkansas River	18
SALIDA	Salida Quality Dairy	x	-	20	x	-	None	Irrig. Ditch to Arkansas River	19
SANFORD	Crowther Dairy	x	-	20	x	x	x	Irrigation Ditch	20
SANFORD	Frink Creamery	x	-	20	x	x	x	Irrigation Ditch	21
SECURITY		3,062-6	3,062	S	0.3	x	SlDnDmFtInLpDfX	Lagoon (Overflow to Fountain Cr.)	22
SILT (S. D.)		361	350	S	x	0.7	ClSo	Colorado River	23
SILVER PLUME	Wile High Mining Co.	x	-	10	x	-	L	Lagoon	24
SILVERTON		1,375	1,200	S	x	-	None	Animas River	25
SILVERTON	Highland Mary	x	-	10	0.100	-	Lp*	Cunningham Gulch	26
SILVERTON	Lead Carbonate	x	-	10	0.072	-	Lp*	Cement Creek	27
SILVERTON	Oscola Hill	x	-	10	x	-	-	Animas River	28
SILVERTON	Pride of the West	x	-	10	0.140	-	Lp*	Animas River	29
SILVERTON	Shennadoah Dives	x	-	10	0.110	-	Lp*	Animas River	30

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 9 of 11
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LINE No.	FACILITY NAME	WATER-CONSUMPTION RELEASE	P.E. (BOON)		STREAM FLOW FOR DESIGN		POLLUTION ABATEMENT MEANS	DOWNSTREAM WATER USE	FUEL-BURN	REMARKS	ADDITIONAL COMMENTS	
			UNTREATED WASTE	DISCHARGED WASTE	WATER FLOW CFS	Duration (Hours)						
												Frequency (Years)
9	10	11	12	13	14	15	16	17				
1	CR	C1103-120	1,000	x	x	2	CDPJ					
7	x		550	-	x	-	-					
2	CR	-	500	-	-	x	-					
7	-		0	-	-	-	-					
3	CR	C1300-55-12	60	x	x	0	CDFIJ					
3	-		60	-	x	-	-					
4	CR	x	Inorganic wastes	x	x	x	DFIJA	*Tailings pond				
6	-			-	x	-	-					
5	CR	C1240	1,500E	x	x	2	CDFIJ					
5	-		x	-	x	-	-					
6	CR	C1240	200E	x	x	x	CDFIJ					
3	-		200E	-	x	-	-					
7	CR	-	x	-	-	x	-					
7	-		0	-	-	-	-					
8	CR	-	300E	-	-	x	-					
7	-		0	-	-	-	-					
9	CR	x	x	x	x	x	x					
3	-		x	-	x	-	-					
10	NR	x	x	x	x	7	x					
10	-		x	-	x	-	-					
11	SW	A1208	4,000E	x	x	0	ADPJ					
1	-		4,000E	-	x	-	-					
12	SW	A1208	x	x	x	1	ADPJ					
1	-		x	-	x	-	-					
13	SW	A1208	x	x	x	x	ADPJ					
1	-		x	-	x	-	-					
14	SW	-	160E	-	-	2	-					
1	-		0E	-	-	-	-					
15	SW	-	x	-	-	6	-					
1	-		x	-	-	-	-					
16	SW	A1375	4,200E	x	x	0	ABDH	*Plans for secondary treatment completed.				
1	-		4,200E	-	x	-	-					
17	SW	A1375	x	x	x	x	ABDH					
1	-		x	-	x	-	-					
18	SW	A1375	x	x	x	x	ABDH					
1	-		x	-	x	-	-					
19	SW	A1375-	x	x	x	x	ABDH					
1	-		x	-	x	-	-					
20	WG	x	x	x	x	x	x					
10	-		x	-	x	-	-					
21	WG	x	x	x	x	x	x					
10	-		x	-	x	-	-					
22	SW	x	x	x	x	7	CDH					
1	-		x	-	x	-	-					
23	CR	C1250	350	x	x	2	CDFIJ					
3	-		350	-	x	-	-					
24	wd	-	Inorganic wastes	-	-	4	ABCDH					
10	-			-	-	-	-					
25	CR	CB60-170-90	1,200E	0	-	0	ADFI					
6	-		1,200E	-	-	-	-					
26	CR	CB60-170-90	Inorganic wastes	0	-	x	ADFIJ	*Tailings pond				
6	-			-	-	-	-					
27	CR	CB60-170-90	Inorganic wastes	0	-	x	ADFIJ	*Tailings pond				
6	-			-	-	-	-					
28	CR	CB60-170-90	Inorganic wastes	0	-	x	ADFIJ					
6	-			-	-	-	-					
29	CR	CB60-170-90	Inorganic wastes	0	-	x	ADFIJ	*Tailings pond				
6	-			-	-	-	-					
30	CR	CB60-170-90	Inorganic wastes	0	-	x	ADFIJ	*Tailings pond				
6	-			-	-	-	-					

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE				YEAR		PAGE 10 of 11			
		COLORADO				1957					
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		1950	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	WASTE GROUP	TREATMENT FACILITIES		LINE No.			
		POPULATION				AVERAGE DAILY FLOW	Treatment		Discharge to		
										ESTIMATED	P.E. (MGD)
1	2	3	4	5	6	7	8	9			
SIMLA		424	260	S	X	X	ClBo	Big Sandy Creek	1		
		-	-	-	-	X	-	-			
SKY RANCH		-	-	S	X	X	CaLa	Land	2		
		X	-	-	-	X	-	-			
SOUTH CANYON		1,588	(1,588)	S	X	-	Canon City Metro. S.D. Plant	Arkansas River	3		
		-	-	-	-	-	-	-			
SOUTH ENGLEWOOD S.D. (S.D. # 20 - Denver)		-	(X)	S	X	-	See Englewood (S.D. # 19)	South Platte River	4		
		-	-	-	-	-	-	-			
SOUTH LAKEWOOD S.D.		-	(1,500)	X	X	-	See Denver - North Side Plant	South Platte River	5		
		-	-	-	-	-	-	-			
SPRINGFIELD		2,041	2,030	S	0.25	X	Ca	Bear and Cat Creeks	6		
		-	-	-	-	X	-	-			
STEAMBOAT SPRINGS		1,913	1,750	S	0.85	X	Ca	Yampa River	7		
		-	-	-	-	X	-	-			
STEAMBOAT SPRINGS	Highway Locker Plant	X	-	20	X	X	X	X	8		
		-	-	E	-	X	-	-			
STEAMBOAT SPRINGS	Milk Plant	X	-	20	X	X	X	X	9		
		-	-	H	-	X	-	-			
STERLING		7,534	7,500	S	1.75	10.0	ShCmD Bo	South Platte River	10		
		-	-	-	2.5	2.0	-	-			
STERLING	Great Western Sugar Co.	X	-	20	X	-	None 11*	South Platte River	11		
		-	-	A	-	-	-	-			
STERLING	Sterling Packing Co.	14	-	20	X	-	L	Lagoon	12		
		-	-	F	-	X	-	-			
STERLING	Sterling Rendering Plant	4	-	20	.0058	-	None	Irrigation Ditch	13		
		-	-	P	CF	-	-	-			
STRASBURG S.D.		-	300	S	0.015	X	La	Lagoon	14		
		-	-	-	-	X	-	-			
STRATTON		720	720	S	X	X	ShCmFtE D Bo	Gulch	15		
		900-3	-	-	-	X	-	-			
SUGAR CITY		527	420	X	X	X	Ca	Lake Meredith	16		
		-	-	-	-	X	-	-			
SUGAR CITY	National Sugar	X	-	20	X	-	None	Lake Meredith	17		
		-	-	A	-	-	-	-			
SWINK	Holly Sugar Co.	X	-	20	X	X	Lo	Arkansas River	18		
		-	-	A	-	X	-	-			
TELLURIDE		1,101	1,060	S	X	-	None	San Miguel River	19		
		-	-	-	-	-	-	-			
THORNTON	Northwest Utilities	8,000	8,000	S	0.4	X	ShScCmFtnCmDcBoId	South Platte River	20		
		-	-	-	-	0.5	-	-			
TRINIDAD		12,204	7,200	S	4.0	X	CiFtnBo*	Purgatoire River	21		
		-	-	-	-	X	-	-			
TRINIDAD	Alessi's Dairy	X	-	20	X	-	None	Surface of Ground	22		
		-	-	H	-	-	-	-			
TRINIDAD	Paretti Packing Co.	X	-	20	X	X	Is	Sub-surface	23		
		-	-	F	-	X	-	-			
TRINIDAD	Trinidad Packing Co.	X	-	20	X	-	None	Purgatoire R. to Arkansas River	24		
		-	-	F	-	-	-	-			
URAVAN	Union carbide Nuclear	X	X	10	X	X	X	X	25		
		-	-	A	-	X	-	-			
VICTOR		684	677	S	X	-	None	Wilson Creek	26		
		-	-	-	-	-	-	-			
WAGON WHEEL GAP	Colorado Fuel & Iron Co.	X	-	10	X	-	X	Rio Grande	27		
		-	-	-	-	-	-	-			
WALDEN		696	680	S	X	2.0	G ShClBo	Irrig. Ditch to Michigan River	28		
		-	-	-	-	0.15	-	-			
WALSENBURG		5,598	3,621	S	1.20	-	None	Cucharas River	29		
		-	-	-	-	-	-	-			
WALSH		897	360	S	X	0.75	ShClL IsL	Lagoon & to Wheat Field Irrigation	30		
		-	-	-	-	0.052	-	-			

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

STATE										YEAR		PAGE 10 of 11	
LINE No.	WASTE TYPE	WATER- COURSE RELEASE	P.E. (GPM)		STREAM FLOW FOR DESIGN			DURATION (Days)	TREATMENT NEEDS	DO NOT TREAT WATER USE	PRE- SENT FUTURE	REMARKS	ADDITIONAL COMMENTS
			UNTREATED WASTE	DISCHARGED WASTE	M- JUN F- OCT	Pre- cipitation (Inches)							
						12	13						
9	10	11	12	13	14	15	16		17				
1	SW 1	A1130-140		260				2	DI				
2	WR 10	-	X					4					
3	SW 1	-											
4	WR 10	-											
5	WR 10	-											
6	SW 7	X		2,030 1,800				4	D				
7	CR ?	C1103-200- 100		1,750	X	X		4	CDFJA				
8	CR ?	X	X		X	X	X	X					
9	CR ?	X	X		X	X	X	X					
10	WR 10	SP153		7,300 5,600	X	X		18 2	BCdH				
11	WR 10	SP153		120,700 120,000	X	X		0	BCdH				
12	WR 10	-		880 0				X					
13	WR 10	SP153		1,230 1,250	X	X		0	X				
14	WR 10	-	X					7	None				
15	WR 11	K169.2- 374.0		720 180				7	X				
16	SW 1	A1225-14		420 380				4	AD				
17	SW 1	A1225-14	X					X	AD				
18	SW 1	A1205	X		X	X		1	DPH				
19	CR 5	C1113-55- 10		1,060 1,060	X	X		0	DPJA				
20	WR 10	X		8,000 X	X			1	CDH				
21	SW 1	A1170-115		7,800 2,880	X	X		1	D				
22	SW 1	-	X					X					
23	SW 1	-	X					X					
24	SW 1	A1170-115	X		X	X		5	D				
25	CR 5	X	X		X	X	X	X					
26	SW 1	A1320-18-5		677 677	X	X		0	ABFH				
27	WG 10	UR590		Inorganic waste	X	X	X	X					
28	WR 9	NP651.7-12		680 340				2	CD				
29	SW 1	A1255-30- 25		3,621 3,621	X	X		0	DR				
30	SW ?	-		360 X				X					

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		STATE				YEAR		PAGE 11 of 11	
		COLORADO				1957			
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY	1950 POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	AVERAGE DAILY FLOW GPD	TREATMENT FACILITIES			LINE No.	
	ESTIMATED POPULATION				TREATMENT	Discharge to			
	NUMBER OF PLANT EMPLOYEES								
	WEL. GROUP VALUE CLASS.								
1	2	3	4	5	6	7	8		
WELLINGTON	541 600-3	594 -	S -	0.07 -	x x	CiSo -	Box Elder Creek -	1	
WEST ALAMEDA S.D.	-	(300)	x	x	-	See Denver -	South Platte	2	
	-	-	-	-	-	North Side Plant	River		
WESTERN HILLS Utility District	-	1,000	S	x	-	North Washington	South Platte	3	
	-	-	-	-	-	St. S.D.	River		
WEST LAKEWOOD S.D. (S.D. #15)	-	(900)	x	-	-	See Denver -	South Platte	4	
	-	-	-	-	-	North Side Plant	River		
WESTMINSTER (S.D. # 23)	1,686	4,300	S	0.22	x	See Denver -	South Platte	5	
	-	-	-	-	x	North Side Plant	River		
WHEATRIDGE S.D. (S.D. #4 - Denver)	-	11,900	S	0.30	x	See Denver -	South Platte	6	
	-	-	-	-	x	North Side Plant	River		
WILEY	417	83	S	x	x	See Denver -	South Platte	7	
	-	-	-	-	x	North Side Plant	River		
WINDSOR	1,348	2,000	S	x	x	See Denver -	South Platte	8	
	-	-	-	-	x	North Side Plant	River		
WINDSOR	x	-	20	x	-	See Denver -	South Platte	9	
	-	-	A	-	-	North Side Plant	River		
WRAY	2,198	2,100	S	0.35	x	See Denver -	South Platte	10	
	-	-	-	-	x	North Side Plant	River		
YUMA	1,908	1,400	S	0.14	x	See Denver -	South Platte	11	
	-	-	-	-	x	North Side Plant	River		
								12	
								13	
								14	
								15	
								16	
								17	
								18	
								19	
								20	
								21	
								22	
								23	
								24	
								25	
								26	
								27	
								28	
								29	
								30	

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 11 of 11
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LINE No.	WATER-COURSE RELEASE	P.E. (BOB)		STREAM FLOW FOR DESIGN		COLLECTOR ABANDONMENT MILES	DOMESTIC WATER USE	FUEL-OIL	REMARKS	ADDITIONAL COMMENTS		
		UNTREATED WASTE	DISCHARGED WASTE	MINIMUM FLOW CFS	DESIGN FLOW (Days) (Years)							
9	10	11	12	13	14	15	16	17	18	19		
1	WR SP234-10	594	440	X	X	2	ASCDH					
2	WR 10	-	-	-	-	-	-	-				
3	WR 10	-	-	-	-	-	-	-				
4	WR 10	-	-	-	-	-	-	-				
5	WR SP296-10	4,300	1,000	-	-	7	X	-				
6	WR SP296-B-10	11,900	3,000	X	X	2	BCDTH	-				
7	WR 1	832	02	-	-	4	-	-				
8	WR SP234-21.4-10	2,000	800	X	X	2	BCDH	-				
9	WR SP234-21-10	240,000	240,000	X	X	0	BCDH	-				
10	WR K169.2-10	3,500	3,200	*15	30	4	FHI	-	*Summer. **Winter			
11	WR 10	1,600	0	-	-	-	-	-				
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

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COLORADO

Community or facility providing sewer service

CANON CITY METROPOLITAN S. D.

COLORADO SPRINGS

DENVER

ENGLEWOOD (S. D. #19)

FREDERICK

GOLDEN - COORS BREWERY

NORTH WASHINGTON ST. S. D.

Communities and/or facilities served

South Canon

Broadmoor
Manitou Springs

Alameda S. D.
Cherry Hills Village
Columbia Gardens S. D.
East Jefferson S. D.
East Jefferson Assoc. S. D.
East Lakewood S. D.
Edgewater S. D.
Hyland Park S. D.
Lakewood S. D.
Mountain View S. D.
South Lakewood S. D.
West Alameda S. D.
West Lakewood S. D. (S. D. #15)

South Englewood S. D. (S. D. #20 - Denver)

Evanston
Firestone

Golden

Western Hills Utility District

IDAHO

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

				STATE		YEAR		PAGE 1 of 12	
				IDAHO		1957			
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		1958	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	AVERAGE DAILY FLOW MGD	TREATMENT FACILITIES			LINE No.
		ESTIMATED POPULATION		WASTE CLASS.		Disch'd to P.E. (1957*) Average daily flow MGD	Treatment	Discharge to	
		NUMBER OF PLANT EMPLOYEES							
1		2	3	4	5	6	7	8	
ABERDEEN		1,486	900	S	0.09E	0.445	Cs	Jackson Creek	1
ABERDEEN	Kraft Foods Co.	x	-	20	x	0.044	-	-	
ALAMEDA		4,694	8,000	S	0.55E	4.5	C1Bo*	Jackson Creek	2
AMERICAN FALLS		1,874	1,300	S	0.15	0.15	-	Pocatello Creek	3
ARCO		961	1,500	S	0.2E	3.0E	SchCmEgc*DchmBoId	Snake River	4
ARCO	Atomic Energy Commission	x	-	39	x	0.3E	-	-	
ARCO	Atomic Energy Commission	x	x	S	x	x	x*	Big Lost River	5
ASHTON		1,256	1,050	C	0.13	0.9	C1	Land	6
ASHTON	Murdock Slaughterhouse	1	-	20	x	-	11	(Sub-surface)	
ATLANTA	Talache Mines Inc.	20	-	10	x	-	x	Land (subsurface)	7
AVERY		280-1	210	S	x	-	None	-	
BLACKFOOT		5,180	5,000	S	0.5E	-	None	Slaughterhouse Cr to Snake River	8
BLACKFOOT	Blackfoot Creamery Co.	x	-	20	x	-	0.09	Un-named Creek	9
BLACKFOOT	Cherry Packing Plant	x	-	20	x	-	-	-	
BLACKFOOT	Hopkins Packing Co.	x	-	20	x	-	-	Middle Fork of Boise River	10
BLACKFOOT	Howell Creamery	x	-	20	x	-	-	St. Joe River	11
BLACKFOOT	Idaho Potato Starch Co.	303	-	20	0.46B	-	Sf*	Snake River	12
BLACKFOOT	Harl Johnson	x	-	20	x	-	-	-	
BLACKFOOT	Ray's Abattoir	x	-	20	x	-	-	-	
BLACK PINE	Duval Co.	138	x	10	x	-	Lp	Land Disposal	20
BOISE		34,393	27,000	S	7.5E	45.	ScGmCoAaCmEcG	Boise River	21
BOISE	Beebe Slaughterhouse	4	-	20	x	-	DoefghmBoId	-	
BOISE	Cream Spot Dairy	x	-	20	x	-	None	Drain	22
BOISE	Custom Meat Co.	7	-	20	x	-	None	Drain to Boise River	23
BOISE	Gate City Steel Company	150	-	34	x	-	11	Boise River	24
BOISE	Gate City Steel Company	-	50	S	x	-	11	Boise River or Canal	25
BOISE	Gem State Meat Packing Co.	15	-	20	x	-	0 - 11	Boise River	27
BOISE	Home Dairies	x	-	20	x	-	None	Drain to Boise River	28
BOISE	Home Dairies	-	-	20	x	-	None	Drain to Boise River	29
BOISE	Linde Air Products Co.	6	-	28	0.075	-	Lp	Land (Settling Lagoon)	30

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE
										IDAHO	1957	1 of 12
LINE No.	WATER-COURSE MILEAGE	P.E. (BOO)		STREAM FLOW FOR DESIGN		POLLUTION ABATEMENT NEEDS	DOWNSIDE WATER USE	FUTURE ENT	REMARKS	ADDITIONAL COMMENTS		
		UNTREATED WASTE	DISCHARGED WASTE	MINIMUM FLOW CFS	Duration (Days)							
					Frequency (Years)							
9	10	11	12	13	14	15	16	17				
1	PN S725-1	1,130E	x	x	4	CDFHJ						
6	-	1,000E	-	x	-	x						
2	PN S725-3	500E**	x	x	x	x			*Whey used when possible.	ment & similar wastes, but no whey;		
6	-	500E**	-	x	-	x			**Est.min; includes equip-	excess whey batch discharged in creek		
3	PN S734-9	8,000E	**x	x	4	cdfhj			*Plant not operated.**In-	Industrial wastes (inorganic) from US		
6	-0.25	8,000E	-	x	-	x			cludes sewage and some	Naval Ordnance Plant.		
4	PN S712	1,300E	x	x	0	CDFH						
6	-	1,300E	-	x	-	x						
5	PN LR42	1,500E	x	x	7	None**			*Long outfall line	**River disappears underground; effect		
6	-	1,000E	-	x	-	x			provides contact time.	on water quality and uses not known.		
6	PN x	x	-	-	x	x						
6	-	0	-	-	-	x						
7	PN x	x	x	x	x	x			*All installations are	reported to have complete sewage		
6	-	x	-	x	-	x			treatment plants with	sub-surface effluent disposal.		
8	PN S836-50-3	1,050	x	x	4	BCDFHJ						
6	-	1,050	-	x	-	x						
9	PN S838-50-2	100	x	x	x	BCDFHJ						
6	-	100	-	x	-	x						
10	PN S391-78-30	inorganic	x	x	x	CDFHJ			May be tempora-ly			
7	-	inorganic	-	x	-	x			closed			
11	PN S9127 55	210E	x	x	0	CF**						
3	-	210E	-	x	-	x						
12	PN S760	7,000E*	x	x	0	CDFHJ			*Inc. 1,000 P.E. sewage	(est.) wastes from Kraft Cheese plt. As-		
6	-	7,000E*	-	x	-	x			from St. Hosp. S. of 1,200P.E.	suming no bulk way which is 10,000P.E.		
13	PN S760	x	x	x	x	x						
6	-	x	-	x	-	x						
14	PN S760	x	x	x	x	x						
6	-	x	-	x	-	x						
15	PN S760	x	x	x	x	x						
6	-	x	-	x	-	x						
16	PN S760	x	x	x	x	x						
6	-	x	-	x	-	x						
17	PN S760	88,000E	x	x	x	CDFHJ			*Rotary fine screen	Seasonal Operation Sept. - Feb.		
6	-	88,000E	-	x	-	x			vacuum filters	inclusive, 6 months average.		
18	PN S760	x	x	x	x	x						
6	-	x	-	x	-	x						
19	PN S760	x	x	x	x	x						
6	-	x	-	x	-	x						
20	GB x	inorganic	x	x	x	x			Seasonal operation			
	-	inorganic	-	x	-	x			9 months - Mar. - Dec.			
21	PN S391-54	35,000E	50	x	7	aCDFHJ						
7	-	3,500E	-	x	-	x						
22	PN S391-52-2	480E	x	x	x	aCDFHJ						
7	-	480E	-	x	-	x						
23	PN S391-54	75E	x	x	x	aCDFHJ						
7	-	75E	-	x	-	x						
24	PN S391-51	1,500E	x	x	6	aCDFHJ						
7	-	1,500E	-	x	-	x						
25	PN S391-54	inorganic	x	x	x	aCDFHJ						
7	-	inorganic	-	x	-	x						
26	PN S391-54	50E	x	x	x	x						
7	-	40E	-	x	-	x						
27	PN S391-50	1,700E	x	x	x	aCDFHJ						
7	-	x	-	x	-	x						
28	PN S391-54-x	100E	x	x	6	aCDFHJ						
7	-	100E	-	x	-	x						
29	PN S391-54-x	50E	x	x	6	aCDFHJ						
7	-	50E	-	x	-	x						
30	PN S391-51	inorganic	-	-	7	-						
7	-	inorganic	-	-	-	-						

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE				YEAR		PAGE 2 of 12	
		IDAHO				1957			
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY	1956 POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	AVERAGE DAILY FLOW (MGD)	TREATMENT FACILITIES			LINE No.	
	ESTIMATED POPULATION				Treatment	Discharge to			
	NUMBER OF PLANT EMPLOYEES								
1	2	3	4	5	6	7	8		
BOISE	Stilson's Meat Packing Plant	x	-	20	x	x	x	Boise River	1
		-	-	EF	x	x	-	-	
BOISE	Triangle Dairy	x	-	20	x	-	None	Drain to Boise River	2
		-	-	H	x	-	-	-	
BONNERS FERRY		1,776	1,200	S	0.12E	0.65	Cs	Kootenai River	3
		-	-	-	-	0.06	-	-	
BOVILL		437	230	S	.023E	-	None	West Fork of Potlatch River	4
		-	-	-	-	-	-	-	
BUHL		2,870	2,300	S	0.23E	-	None	Sewer Creek	5
		-	-	-	-	-	-	-	
BUHL	Byland & Killian Meat Co.	x	-	20	x	x	x	x	6
		-	-	EF	x	x	-	-	
BUHL	Carter Packing Co.	x	-	20	x	x	x	x	7
		-	-	EF	x	x	-	-	
BURKE		-	550	Indiv- idual*	x	-	None	Canyon Creek	8
		550-2	-	-	-	-	-	-	
BURKE	Day Mines Inc.	76	-	10	.230E	-	None	Canyon Creek	9
	Sherman Lead Co.	-	-	A	x	-	-	-	
BURKE	Zanetti Mining & Milling Co.	x	-	10	x	-	None	Nine Mile Creek	10
		-	-	A	x	-	-	-	
BURLEY		5,924	4,500	S	0.45E	-	None	Snake River	11
		-	-	-	-	-	-	-	
BURLEY	B. W. Meat Packers	x	-	20	x	x	x	x	12
		-	-	F	x	x	-	-	
BURLEY	Burley Livestock Commission	x	-	20	x	-	x	x	13
		-	-	R	x	-	-	-	
BURLEY	Swift & Co.	x	-	20	x	x	x	x	14
		-	-	E	x	x	-	-	
CALDWELL		10,487	8,000	S	7.0E	x	ScGmT* CmFtlhr	Boise River	15
		-	-	-	-	7.0E	CmEgT* DtcfnmLsXd	-	
CALDWELL	Caldwell Farm Labor Camp	-	1,200	S	0.06E	1.5	ShCmEgIsDcBo	Farmer's Coop., Sebree Canal	16
		1,200-8	-	-	-	0.14	-	-	
CALDWELL	Idaho Meat Packers Corp.	x	-	20	x	-	11	Indian Creek	17
		-	-	R	x	-	-	-	
CALDWELL	Johnston Bros. Slaughterhouse	2	-	20	x	-	11	Indian Creek to Boise River	18
		-	-	E	x	-	-	-	
CALDWELL	W.L. Richardson Feedyards	2	-	20	x	-	None	Highway 19 Drain to West End Drain	19
		-	-	R	x	-	-	-	
CALDWELL	J.R.Simplot	70-300	-	20*	2.5E**	-	Sf	Highway 19 Drain to West End Drain	20
		-	-	BC	x	x	-	-	
CALDWELL	J.R.Simplot	-	25-100	x	x	x	Cs	Highway 19 Drain	21
		-	-	-	-	x	-	-	
CALDWELL	Union Stockyards	x	-	20	x	-	11	Indian Creek	22
		-	-	R	x	-	-	-	
CAMBRIDGE		354	350	S	.035E	0.13	Cs	Welser River	23
		-	-	-	-	0.013	-	-	
CAMP WALCOTT		-	75	S	x	x	Cs	Main North Side Irrigation Canal	24
		75-2	-	-	-	x	-	-	
CAREY	Kraft Foods Company	x	-	20	x	-	11 (Whey sold or given away)	Irrigation Ditch	25
		-	-	I	-	-	-	-	
CASCADE		943	750	S	.075E	-	None	North Fork of Payette River	26
		-	-	-	-	-	-	-	
CASCADE	Baumhoff-Marshall Inc. Dredging Co.	14	-	10	0.5E	-	Lp	Big Creek	27
		-	-	A	-	-	x	-	
CASCADE	Idaho-Canadian Dredging Co.	14	-	10	0.5E	-	Joint lagoon with Baumhoff-Marshall*	Big Creek	28
		-	-	A	-	-	-	-	
CHALLIS		728	650	S	.065E	1	GhSc(CmDm)EgcBo	Garden Creek	29
		-	-	-	-	0.1	-	-	
CHALLIS	Bayhorse Mines Inc.	10	-	10	x	-	x	Salmon River	30
		-	-	A	x	x	-	-	

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE
										IDAHO	1957	2 of 12
LINE No.	DRAINAGE BASIN	WATER-COURSE MILEAGE	P.E. (BOD)	STREAM FLOW FOR DESIGN		POLLUTION TREATMENT NEEDS	DOWNSTREAM WATER USE	PRESENT FUTURE	REMARKS	ADDITIONAL COMMENTS		
			UNTREATED WASTE	MINIMUM FLOW CFS	Duration (Days)							
			DISCHARGED WASTE									
9	10	11	12	13	14	15	16		17			
1	PN 7	S391-54 -	x	x	x	x	x					
2	PN 7	S391-54-x -	1500	x	x	x	aCDFHJ					
3	PN 1	K144 -	1,200E	x	x	4	CFHJ					
4	PN 8	S139-15-32 -4	250E	x	x	0	CDEFHJ					
5	PN 6	S595-3 -	27,300E*	x	x	0	CDFHJ		*Inc. ind. wastes from Sego Milk Products Co. (20-J).	2,000E P.E. and Green Giant Co. (20-EC) 23,000E P.E., seasonal (July-August)		
6	PN 6	S595 -	x	x	x	x	x					
7	PN 6	S595 -	x	x	x	x	x					
8	PN 3	Sel20-42-17-6	550E	x	x	0	L		*Individual sewers discharge directly to stream			
9	PN 3	Sel20-42-17-8	Inorganic	x	x	x	L					
10	PN 3	Sel20-42-16-8	Inorganic	x	x	x	L					
11	PN 6	S651 -	11,000E*	x	x	0	ACDFHJ		*Includes 6,000 PE industrial wastes from J.R.	Simplot Co. (20-CR) potatoes dehydrated Oct-May; other prod. proc. rest of year.		
12	PN 6	S651 -	x	x	x	x	x					
13	PN 6	S651 -	x	x	x	x	x					
14	PN 6	S651 -	x	x	x	x	x					
15	PN 7	S391-20 -	25,000**	40	x	7	aCDFH		*Grit removed from sludge from primary clarifier.	*Sludge thickened prior to digestion. *Includes ind. wastes 20 EFP & 20HIJK.		
16	PN 7	-	1,200E	x	x	2	CD					
17	PN 7	S391-18-2 -	1,200E	x	x	x	CDHJ					
18	PN 7	S391-18-0.5	425E	x	x	x	CDHJ					
19	PN 7	S391-7-7-2-1	1,360E	x	x	x	CDHJ					
20	PN 7	S391-7-7-2-2	54,000E**	x	x	2	CDHJ		*Year round operation. **At sustained peak.			
21	PN 7	S391-7-7-2-2	25-100	x	x	2	x					
22	PN 7	S391-18-2.5	3,200E	x	x	x	CDHJ					
23	PN 7	S352-44 -	350E	x	x	4	CDEFHJ					
24	PN 6	S675-x -	75	x	x	x	CDH					
25	PN 6	x -	300E*	x	x	x	CD		*Est. min. includes equipment & similar wastes	but no bulk whey; excess whey discharged with other wastes. Max. PE 2500E		
26	PN 7	S368-70-40	750E	x	x	0	CDFHJ					
27	PN 7	S368-70-37-1	Inorganic	x	x	4	FHJ		Dredge not in operation.			
28	PN 7	S368-70-37-1	-	-	-	-	x		*Dredge not in operation.			
29	PN 8	S188-328-x	650	x	x	x	CDFH					
30	PN 8	S188-328 -	Inorganic	x	x	x	x		May be temporarily closed.			

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE				YEAR		PAGE 3 of 12		
		IDAHOO				1957				
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		1950	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	AVERAGE DAILY FLOW GPD	TREATMENT FACILITIES			LINE No.	
		ESTIMATED POPULATION				TREATMENT	Discharge to			
		NUMBER OF PLANT EMPLOYEES								
		PER DAY								
1	2	3	4	5	6	7	8	9		
CHALLIS	Livingston Mines Inc.	x	-	10	x	-	x	Salmon River	1	
		-	-	A	x	x	-	-		
CINNABAR	United Mercury Mining Company	x	-	10	33	x	-	Cinnabar Creek to Sugar Creek to*	2	
		-	-	B	-	-	-	Lightning Creek	3	
CLARK FORK	Hope Silver-Lead Mines Inc.	-	5	-	10	x	-	Settling ponds		
		-	-	A	x	x	-	-		
CLARK FORK	White-Delf Mining & Development Co.	-	2	-	10	x	-	None	Land	4
		-	-	A	x	-	-	-		
CLAYTON*	Clayton Silver Mine	x	-	10	x	-	-	None	x	5
		-	-	A	-	-	-	-	-	
COBALT		-	x	x	x	x	-	(CmDm)FtrCn	Panther Creek	6
		500-2	-	-	-	-	-	-	-	
COBALT	Calera Mining Co.	182	-	10	x	-	-	La S*	Blackbird Creek to Panther Creek*	7
		-	-	A	x	x	-	-	-	
COEUR d'ALENE		12,198	10,000	S	1.2E	12.0	ShKexCaFtrCmEgDcfath	Spokane River	8	
		-	-	-	-	2.0	BoId	-	-	
COLBURN	Colburn Lumber Mill	x	-	24	x	x	x	-	-	9
		-	-	-	x	x	-	-	-	
CONDA		-	300	S	x	0.15	CaIp	Land	10	
		300-1	-	-	-	0.015	-	-	-	
COOLIN	Coolin Log Pick-up	x	-	24	x	x	x	-	Priest Lake	11
		-	-	-	x	x	-	-	-	
COOLIN	Outlet Sawmill	x	-	24	x	x	x	-	Priest Lake	12
		-	-	-	x	x	-	-	-	
COTTONWOOD		689	600	S	0.06E	0.138	Ca	Cottonwood Creek	13	
		-	-	-	-	0.014	-	-	-	
COUNCIL		748	600	S	0.06E	0.150	Ca	Weiser River	14	
		-	-	-	-	0.015	-	-	-	
COUNCIL	Peters Bros. Corp.	x	x	x	x	x	x	-	x	15
		-	-	-	-	-	-	-	-	
CRAIGMONT		594	550	S	.055E	1.5	GhShClEgcBo*	Small Creek to Lawyers Creek	16	
		-	-	-	-	0.15	-	-	-	
DEARY	Idaho Beryllium & Mica Corp.	200	150	S	0.015	x	Ca	Boulder Creek	17	
		-	-	-	-	x	-	-	-	
DOVER		-	100	S	0.01E	0.045	Ca	Pend Oreille River	18	
		226-1	-	-	-	0.004	-	-	-	
DOVER	Dover Planing Co.	x	-	24	x	x	x	-	x	19
		-	-	-	x	x	-	-	-	
DOWNY	Larsens Market	1	-	20	x	-	None	Dry Draw	20	
		-	-	E	x	-	-	-	-	
DOWNY	Sego Milk Products Co.	6	-	20	0.015	x	Is	Sub-surface	21	
		-	-	HI	P	x	-	-	-	
DRIGGS	Hunters Slaughterhouse	2	-	20	.0025	-	11	Spring Creek to Teton Creek	22	
		-	-	E	P	-	-	-	-	
DRIGGS	Nelson Ricks	5	-	20	.0033	-	None	Small Creek to Teton Creek	23	
		-	-	I	P	-	-	-	-	
EAGLE		-	300	S	0.03E	0.056	CaIs	Eagle Drain to Boise River	24	
		250-1	-	-	-	0.036	-	-	-	
EAGLE	Boise Valley Packing Co.	16	-	20	x	-	11	Boise River	25	
		-	-	EF	x	-	-	-	-	
ELK CITY	Clearwater Dredging Co.	x	-	10	x	x	x	Crooked River	26	
		-	-	-	x	x	-	-	-	
ELK CITY	H & H Mining Co.	x	-	10	x	x	x	Clearwater River	27	
		-	-	-	x	x	-	-	-	
ELK CITY	Clair Johnson Dredging Company	x	-	10	x	-	None	x	28	
		-	-	-	-	-	-	-	-	
ELK CITY	Tyee Dredging Co.	x	x	10	x	x	x	American River	29	
		-	-	-	x	x	-	-	-	
ELK RIVER		312	250	S	.025E	0.225	Ca	Elk Creek	30	
		-	-	-	-	0.023	-	-	-	

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 3 of 12
										IDAHO	1957	
LINE No.	FACILITY NAME	WATER-COURSE NUMBER	P.E. (2000)		STEAM FLOW PER HOUR		FILLATION ABILITY	WATER USE	FUEL-ENT	REMARKS	ADDITIONAL COMMENTS	
			UNTREATED WASTE	TREATED WASTE	LBS. PER HOUR	GPM						
9	10	11	12	13	14	15	16	17				
1	PN 8	S188-328	inorganic	x	x	x	x			May be temporarily closed.		
2	PN 8	S188-50-30-25 x-x	inorganic	x	x	0	PHJ	x		*East Fork of Little Salmon River.		
3	PN 2	CFP144-10-3	inorganic	x	x	x	x			May be temporarily closed.		
4	PN 2	CFP144-10-1	inorganic	-	-	-	-	x		May be temporarily closed.		
5	PN 8	S188-328	inorganic	x	x	0	x			*May be temporarily closed.		
6	PN 8	S188-311-28	x	x	x	x	x					
7	PN 8	S189-210-30-2	inorganic	x	x	x	x			*to Salmon R. *Limefeeder to neutralize acid mine	drainage type wastes.	
8	PN 3	Sel04	10,000E	x	x	1	BCDTJ	x				
9	PN 2	CFP127-12-2	x	x	x	x	x					
10	GB 7	-	300	-	-	7	x					
11	PN 2	CFP95-67-5	x	-	-	x	CDFH	-	x			
12	PN 2	CFP95-67	x	-	-	x	JDFH	-	x			
13	PN 8	S139-75-5-25	690E	x	x	4	CDEFHJ	x	x			
14	PN 7	S332-65	600E	x	x	4	CDEFHJ	x	x			
15	PN 7	x	x	x	x	x	x					
16	PN 8	S139-69-23-4	350E	x	x	x	iff	x	x	*Plant & system under construction, Jan. 1955.		
17	PN 7	S368-130-3	150E	x	x	x	CDFHJ	-	x			
18	PN 2	CFP115	100E	x	x	4	CFHJa	-	x			
19	PN 2	CFP115-2	x	x	x	x	x		x			
20	PN 6	S738-26-36	x	-	-	x	x		x			
21	PN 6	S738-26-36	240E	-	-	7	x		x			
22	PN 6	S838-22-36-4	250E	x	x	x	CDFHJ	-	x			
23	PN 6	S838-20-36-3-1	200E	x	x	7	CDFHJ	-	x			
24	PN 7	S391-42-0.5	300E	x	x	4	aCDFHJ	-	x			
25	PN 7	S391-42	2,500E	-x	x	2	aCDFHJ	-	x			
26	PN 8	S139-110-5	inorganic	x	x	0	x		x			
27	PN 8	S139-125-	inorganic	-	-	-	-	x	x			
28	PN 8	x	inorganic	x	x	x	x		x			
29	PN 8	S139-115-6	inorganic	x	x	0	x		x			
30	PN 8	S139-41-16	250E	x	x	4	CDEFHJ	-	x			

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COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	WASTE CLASS.	AVERAGE DAILY FLOW	PERCENT OF F.E. (1957)	TREATMENT FACILITIES	LINE No.
		ESTIMATED POPULATION	ESTIMATED POPULATION SERVED	WASTE CLASS.	WASTE CLASS.	AVERAGE DAILY FLOW	PERCENT OF F.E. (1957)	Treatment	
		NUMBER OF PLANT EMPLOYEES	NUMBER OF PLANT EMPLOYEES	WASTE CLASS.	WASTE CLASS.	AVERAGE DAILY FLOW	PERCENT OF F.E. (1957)	Discharge to	
1	2	3	4	5	6	7	8	9	10
EMMETT		3,057	3,000	C	0.3	-	None	Payette River	1
EMMETT	Emmett Meat Co.	8	-	20	x	x	Cs - 11	Irrigation Ditch	2
EMMETT	Gem Canning Co.	130-5	-	20	x	-	Sf	Payette River	3
EMMETT	Scott's Locker Co.	1	-	20	x	-	11	Drainage Ditch	4
FILER		1,425	1,300	S	0.10E	0.45	CiEgBo	Ditch* to Lava Crevice	5
FIRTH		253	250	S	.025E	-	None	Snake River	6
FORT HALL	Fort Hall Indian Agency	150-6	150	S	.015E	0.2	Lo	Hood Fork Creek Adj. to Lagoon	7
FRANKLIN	California Packing Co.	600-3333	-	20	.21E*	-	Sf - Industrial	Cub River	8
FRUITLAND*		573	500	C*	0.05E	-	Cs - sewage	Snake River	9
GARDEN CITY		754	900	S	0.20E	2.5	GhSc(CmDm)Ftlh	Davis Drain to Boise River	10
GEN		250-2	250	Indiv- idual*	x	-	CmExcBo	Canyon Creek	11
GENESEE		552	250	C	.025E	0.3	Cs	Cow Creek to Union Flat Creek	12
GLENNS FERRY		1,515	1,300	C	0.15	2.16	Cs	Snake River	13
GOLDEN	Morse Mining Co.	1	-	33	x	-	x	Clearwater River	14
GOODING		3,099	3,000	S	0.38E	6.5	ScCmFtlhCmEgDfnBoKd	Little Wood River	15
GOODING	Everybody's Packing Plant	x	-	20	x	x	x	-	16
GOODING	Gooding Livestock & Commission Co.	x	-	20	x	x	x	-	17
GOODING	Ohlinger Packing Co.	x	-	20	x	x	x	-	18
GREEN FIELD		400-2	400	S	.055E	7.0	ShCmFtlhCmEgDchBo	Five Mile Drain to Boise River	19
CHANGEVILLE		2,544	3,000	S	0.26E	4.0	ScGhCmFtrCmEgDcrBo	Three Mile Creek	20
GRANGEVILLE	Delemer Mining & Recovery Co.	8	-	10	x	-	x	-	21
GREENLEAF	Greenleaf Academy	200-0	125	S	.013E	-	Private Septic Tanks*	Lower Embankment Drain to Boise R.	22
HAILEY*	Apache Mines Co.	28	-	10	x	x	x	-	23
HAILEY*	Baltimore Silver-Lead Mines Inc.	30	-	10	x	-	x	Warm Springs Creek	24
HAILEY*	Triumph Mining Co.	135	-	10	x	-	x	East Fork Big Wood River	25
HARRISON		322	40	S	x	-	None	Coeur d'Alene Lake	26
HARVARD	Harold Behrens Dredging Co.	x	x	10	x	-	None	Palouse River or tributary	27
HAZLETON		429	400	S	0.04E	0.5	Sh(CmDm)FtlhCmBo	Drain to Wilson Lake Reservoir	28
HEADQUARTERS		100-1	250	S	0.03E	x	Cs	South Fork of Reeds Creek	29
HOWEDALE		1,411	1,000	C	0.10	0.18	Cs	Snake River	30

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LINE No.	WATER-COURSE RELEASE	P.E. (BOB)	STREAM FLOW FOR DESIGN		Pollution Abatement (Days)	Pollution Abatement Needs	SPRING WATER SIZE	FRESH-ETRY	REMARKS	ADDITIONAL COMMENTS		
			UNTREATED WASTE	DISCHARGED WASTE							Minimum Flow CFS	Proportion (Years)
			9	10	11	12	13	14			15	16
1	PN S368-30	3,000E	x	x	0	aCDFHJ						
7	-	3,000E	-	x	-	x						
2	PN S368-30	980E	-	-	6	x						
7	-	0	-	-	-	x						
3	PN S368-30	8,200E	x	x	x	CEFHJ			Seasonal operation. Summer only.			
7	-	x	-	x	-	x						
4	PN S368-23-8	270E	x	x	x	CDFHJ						
7	-	270E	-	x	-	x						
5	PN S610-6	1,000	-	-	20	x			*Ditch may be Desert Creek			
6	-	x	-	-	4	x						
6	PN S775	250	x	x	0	CDFHJ						
6	-	250	-	x	-	x						
7	PN S738-10	150	x	x	7	x						
6	-	0	-	x	-	x						
8	GB B55-7	17,800*	x	x	2	CDFHJ			Seasonal, July - Sept., 3 months.	*At peak sustained production.		
7	-	x	-	x	-	x						
9	PN S369	9,000E	x	x	0	aCDFHJ			*Includes wastes (screened) from Fruitland	Canning Assn., Inc. (20 BC); PE 8500Max. sustained August-October.		
7	-	9,000E	-	x	-	x						
10	PN S391-52-1	2,000E*	x	x	5	aCDFHJ			*Includes wastes from industries-(20-E H)			
7	-	400E*	-	x	-	x						
11	PN Sel 20 42-17-3	250	x	x	0	L			*Individual sewers discharge directly to stream			
3	-	250	-	x	-	x						
12	PN S61-27-51	250E	x	x	4	cdf						
8	-4	187E	-	x	-	x						
13	PN S546	1,300	x	x	x	CDFHJ						
7	-	975E	-	x	-	x						
14	PN S139-120	inorganic	x	x	x	x						
8	-	inorganic	-	x	-	x						
15	PN S571-19-1	3,000*	x	x	7	CPH			*Includes 250 P.E. sewage from 2 State Institutions			
6	-	700	-	x	-	x						
16	PN S571-11-8	x	x	x	x	x						
6	-	x	-	x	-	x						
17	PN S571-11-8	x	x	x	x	x						
6	-	x	-	x	-	x						
18	PN S571-11-8	x	x	x	x	x						
6	-	x	-	x	-	x						
19	PN S391-28-22	400E	x	x	5	x						
7	-	80E	-	x	-	x						
20	PN S139-32-12	3,000E	x	x	7	CDEFHJ			*Long outfall line considered equivalent to chlorine contact basin.			
8	-	400E	-	x	-	x						
21	PN S139-88	inorganic	x	x	x	x						
8	-	inorganic	-	x	-	x						
22	PN S391-7-9-1	125E	x	x	0	cd			*Effluents discharge into sewer system			
7	-	100E	-	x	-	x						
23	PN S571-11-70	x	x	x	x	x			*Closed.			
6	-	x	-	x	-	x						
24	PN S571-11-88	inorganic	x	x	x	CD			*Temporarily closed.			
6	-x	inorganic	-	x	-	x						
25	PN S571-11-76	inorganic	x	x	x	x			*Temporarily closed.			
6	-5	inorganic	-	x	-	x						
26	PN Sel 22	40	-	-	0	AFHJ						
3	-	40	-	-	-	x						
27	PN S61	inorganic	x	x	0	x			Seasonal. Dredge not now in operation.			
8	-	inorganic	-	x	-	x						
28	PN S638-x-	400	-	-	5	CDFHJ						
6	-x	80E	-	-	-	x						
29	PN S139-41-24	250E	x	x	x	ACEFHJ						
8	-8-3	250E	-	x	-	x						
30	PN S413	1,000E	x	x	4	CDEFHJ						
7	-	1,000E	-	x	-	x						

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		ESTIMATED POPULATION		IND. GROUP WASTE CLASS.		Disch'd for P.E. (1957-6)	Treatment	Discharge to	
		NUMBER OF PLANT EMPLOYEES							
1		2	3	4	5	6	7	8	
HOMEDALE	Johnson Lockers	2	-	20	x	-	11	Snake River	1
		-	-	E	x	-	-	-	
HOMEDALE	Leahner Slaughterhouse	1	-	20	x	-	11	Snake River	2
		-	-	E	x	-	-	-	
HOMEDALE	Long Produce Co.	x	-	20	x	-	None	Snake River	3
		-	-	R	x	-	-	-	
HOMEDALE	J.C. Palumbo Co. Inc.	x	-	20	x	-	S	Sucker Creek	4
		-	-	R	x	x	-	-	
HOMEDALE	J.C. Watson	x	-	20	x	-	C	Snake River	5
		-	-	R	x	x	-	-	
HOMEDALE	Western Idaho Potato Growers	x	-	20	x	-	None	Snake River	6
		-	-	E	x	-	-	-	
HOPE	Hope Lumber Co.	x	-	24	x	x	x	x	7
		-	-	-	x	x	-	-	
IDAHO FALLS		19,218	20,000	S	1.8E	-	None	Snake River	8
		23,000-6	-	-	-	-	-	-	
IDAHO FALLS	Bennett & Sons	x	-	20	x	x	x	x	9
		-	-	F	x	x	-	-	
IDAHO FALLS	Colorado Animal Bi-Products Co.	x	-	20	x	x	x	x	10
		-	-	P	x	x	-	-	
IDAHO FALLS	Idaho Falls Meat Co.	x	-	20	x	x	x	x	11
		-	-	E	x	x	-	-	
IDAHO FALLS	Idaho Livestock Auction Co.	x	-	20	x	x	x	x	12
		-	-	R	x	x	-	-	
IDAHO FALLS	Idaho Potato Growers Inc.	170-S	-	20	0.63	-	Sf	Snake River	13
		-	-	C	-	x	-	-	
IDAHO FALLS	Idaho Potato Starch Co.	22S	-	20	0.72E	-	None	Snake River	14
		-	-	C	-	-	-	-	
IDAHO FALLS	Idaho Stockyards Co.	x	-	20	x	x	x	x	15
		-	-	R	x	x	-	-	
IDAHO FALLS	Menan Starch Co.	15S	-	20	0.46E	-	None	Snake River	16
		-	-	C	-	-	-	-	
IDAHO FALLS	People's Whole Slaughterhouse	x	-	20	x	x	x	x	17
		-	-	E	-	x	-	-	
IDAHO FALLS	Roger Bros. Seed Co.	25S	-	20	x	-	None	Snake River	18
		-	-	C	x	-	-	-	
IDAHO FALLS	Rushton Brothers Slaughter House	x	-	20	x	x	x	x	19
		-	-	E	-	x	-	-	
IDAHO FALLS	L. S. Taube	x	-	20	x	-	Lep	Ground	20
		-	-	C	x	x	-	-	
IDAHO FALLS	Taylor Meat Co.	x	-	20	x	x	x	x	21
		-	-	E	x	x	-	-	
IDAHO FALLS	Upper Snake River Dairymens Ass'n	64	-	20	0.061	-	None	Snake River	22
		-	-	HIL	PC	-	-	-	
IDAHO FALLS	Yellowstone Dairy	x	-	20	.004E	x	x	x	23
		-	-	H	x	x	-	-	
INKOM	Idaho Portland Cement Co.	62	20	x	x	-	None	Portneuf River	24
		-	-	-	-	-	-	-	
IRWIN	Swan Valley Cheese Corp.	x	-	20	x	x	x	x	25
		-	-	I	x	x	-	-	
JEROME		4,523	4,500	S	0.45	6.0	ScCmFtlhCmEcgDfhBo	Drain	26
		-	-	-	-	0.5	-	-	
JEROME	Idaho Products Inc.	x	-	20	x	-	F L's Filter & Settling Pond	Sub Surface*	27
		-	-	C	x	x	-	-	
JEROME	Jerome Potato Company, Inc.	x	-	20	x	x	Settling Pond*	Sub Surface**	28
		-	-	C	-	x	-	-	
JEROME	Jerome Livestock Commission	x	-	20	x	x	x	x	29
		-	-	R	x	x	-	-	
KAMIAH		812	1,000	S	x	-	None	Clearwater River	30
		-	-	-	-	-	-	-	

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LINE No.	WATER-COURSE MILEAGE	P.E. (800)	STREAM FLOW FOR DESIGN				FUTURE EST	REMARKS	ADDITIONAL COMMENTS			
		UNTREATED WASTE	MINIMUM FLOW CFS	Duration (Days)	FLOODING ABATEMENT PERCENT	DOWNSTREAM WATER USE						
		DISCHARGED WASTE										
9	10	11	12	13	14	15	16	17				
1	PN 7	S418	120E	x	x	x	CDEFHJ					
			120E	-	x	-	x					
2	PN 7	S417	120E	x	x	x	CDEFHJ					
			120E	-	x	-	x					
3	PN 7	S416	x	x	x	x	CDEFHJ	Seasonal. Potato storing, washing, and packing.				
			x	-	x	-	x					
4	PN 7	S412-1	x	x	x	x	CDEFHJ	Seasonal. Potato storing, washing, and packing.				
			x	-	x	-	x					
5	PN 7	S416	x	x	x	x	CDEFHJ	Seasonal. Potato storing, washing, and packing.				
			x	-	x	-	x					
6	PN 7	S416	x	x	x	x	CDEFHJ					
			x	-	x	-	x					
7	PN 2	CFP134	x	x	x	x	x					
			x	-	x	-	x					
8	PN 6	S800	20,000E	x	x	0	CDHJ					
			20,000E	-	x	-	x					
9	PN 6	S800	x	x	x	x	x					
			x	-	x	-	x					
10	PN 6	S800	2,000E*	x	x	x	x	*Wastes discharged to Idaho Falls storm sewer.				
			2,000E*	-	x	-	x					
11	PN 6	S800	x	x	x	x	x					
			x	-	x	-	x					
12	PN 6	S800	x	x	x	x	x					
			x	-	x	-	x					
13	PN 6	S800	25,000E	x	x	x	x	Seasonal Sept. - May 9 months				
			25,000E	-	x	-	x					
14	PN 6	S799	110,000E	x	x	4	x	Seasonal Oct. - May 8 months				
			110,000E	-	x	-	x					
15	PN 6	S800	x	x	x	x	x					
			x	-	x	-	x					
16	PN 6	S799	37,600E	x	x	4	x	Seasonal Oct. - May 8 months				
			37,600E	-	x	-	x					
17	PN 6	S800-x	1,000E*	x	x	x	x	*Based on sustained maximum daily slaughter.				
			1,000E*	-	x	-	x					
18	PN 6	S800	17,000E	x	x	x	x					
			17,000E	-	x	-	x					
19	PN 6	S800-x	300E*	x	x	x	x	*Based on sustained maximum daily slaughter.				
			300E*	-	x	-	x					
20	PN 6	S800	x	-	-	x	-					
			0	-	-	-	-					
21	PN 6	S800	1,600E*	x	x	x	x	*Based on sustained maximum daily slaughter.				
			1,600E*	-	x	-	x					
22	PN 6	S800	2,000E	x	x	x	x					
			2,000E	-	x	-	x					
23	PN 6	S800	80E	x	x	x	x					
			80E	-	x	-	x					
24	PN 6	S738-25	20	x	x	0	IJ					
			20	-	x	-	x					
25	PN 6	S880	x	x	x	x	x					
			x	-	x	-	x					
26	PN 6	S613-12	6,000E*	x	x	5	CD	*Includes industrial wastes (20-HIKL), 21500E				
			1,500E*	-	x	-	x					
27	PN 6	*	92,000E	x	x	4	x	*Pond effluent dischd. thru well into creviced and fissured subsurface lava formations, emerges as springs S610-S570.				
			92,000E	-	x	-	x					
28	PN 6	S610**	6,000E	x	x	4	x	*Pond effluent discharged into well & into creviced fissured subsurface lava formation emerges as spring. S610-S570.				
			6,000E	-	x	-	x					
29	PN 6	S610	x	x	x	x	x					
			x	-	x	-	x					
30	PN 8	S139-70	1,000E	x	x	0	ACEFHJ					
			1,000E	-	x	-	x					

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		ESTIMATED POPULATION		IND. GROUP		Treatment	Discharge to			
		NUMBER OF PLANT EMPLOYEES		WASTE CLASS.				Dis'd by F.L. (1000's)	Average daily flow MGD	
1		2	3	4	5	6	7	8		
KELLOGG		4,913	4,000	S	0.4E	-	None	South Fork Coeur d'Alene River	1	
KELLOGG	Amy Silver-Lead Co.	x	-	10	x	-	None	Pine Creek	2	
KELLOGG	S.Hill & Sullivan Mining & Conc. Co	575	-	10	x	-	Lp	South Fork Coeur d'Alene River	3	
KELLOGG	S.Hill & Sullivan Mining & Conc. Co	x	-	33	x	-	x	x	4	
KELLOGG	Federal Mining & Smelting Co.	159	-	10	.376E	-	Lp	South Fork Coeur d'Alene River	5	
KELLOGG	Mascot Mining Co. Denver Mill	x	-	10	x	-	None	East Fork Pine Creek	6	
KELLOGG	Nabob Silver-Lead Co.	12	-	10	x	-	None	Pine Creek	7	
KELLOGG	Sidney Mining Co.	90	-	10	x	-	None	East Fork Pine Creek	8	
KELLOGG	Spokane-Idaho Mining Co.	86	-	10	x	-	None	West Fork Pine Creek	9	
KELLOGG	Sunset Minerals Inc.	60	-	10	x	-	None	East Fork Pine Creek	10	
KELLOGG	Sunshine Mining Co.	200	-	10	1.0E	-	None	South Fork Coeur d'Alene River	11	
KIMBERLY		1,347	1,300*	S	0.13	2.5	ChShCmFtlhEgcDchBo	Drain Ditch	12	
KENDRICK		409	340	C	0.04E	-	None	Potlatch River	13	
KETCHUM	Sun Valley Lead Silver Mines Inc.	15	-	10	x	x	x	Warm Spring Creek	14	
LAPWAI	Nezperce Indian Agency	375-1	-	S	x	0.4E	Cs	Lapwai Creek	15	
LAVA HOT SPRINGS		591	540	S	.054E	-	None	Portneuf River	16	
LEWISTON		12,985	13,000	S	1.1E	-	None	Snake and Clearwater Rivers	17	
LEWISTON	Camas Prairie R.R.	x	-	x*	x	x	x	Clearwater River	18	
LEWISTON	Potlatch Forests Inc.*	600	-	26	21.0	-	Lp(L 10)	Snake River	19	
LEWISTON	Potlatch Forests Inc.	-	200	S	x	x	CsIs	Sub-surface	20	
LEWISTON	Potlatch Forests Inc.*	3,000	1,000	S	0.3E	-	None**	Snake River	21	
LEWISTON	Smith Frozen Foods of Idaho	x-S	-	20	x	x	x	Clearwater River	22	
LEWISTON	Snow Crop Frozen Foods-Bodie Div.	x-S	-	20	x	x	x	Clearwater River	23	
LEWISTON	Washington Power Co. (Dredge)	x-S	-	39*	0.3	-	None	Clearwater River	24	
LEWISVILLE	Jensen Bros. Livestock Feed Yd	x	-	20	x	x	x	x	25	
LINCOLN	Utah-Idaho Sugar Co.	228-S	-	20	4.32	-	4,11	Snake River	26	
LINCOLN	Utah-Idaho Sugar Co.	-	75	S	x	x	CsIs	Sub-surface	27	
LOWMAN	Porter Brothers Corporation*	x	-	10	x	x	Settling Ponds, 3**	Bear Valley Creek	28	
LOWMAN	Porter Brothers Corporation	x	-	10	x	-	Settling Ponds	South Fork Payette River	29	
McCALL		1,173	1,000	S	0.10E	0.33	Cs	Payette River	30	

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LINE No.	DRAIN BASIN SUB-BASIN	WATER-COURSE MILEAGE	P.E. (800)	STREAM FLOW FOR DESIGN		DURATION (Days)	POLLUTION ABATEMENT NEEDS	DOWNSTREAM WATER USE	FUTURE PREL-ERY	REMARKS	ADDITIONAL COMMENTS	
			UNTREATED WASTE	MINIMUM FLOW CFS	Quantity (Days)							
			DISCHARGED WASTE	Frequency (Years)	Frequency (Years)							
	9	10	11	12	13	14	15	16			17	
1	PN 3	Sel20-42-6 -	4,100E 4,100E	x -	x x	0 -	L x					
2	PN 3	Sel20-42-3 -4	inorganic inorganic	x -	x x	x -	L x					
3	PN 3	Sel20-42-6 -	inorganic inorganic	x -	x x	x -	L x					
4	PN 3	Sel20-42-6 -	inorganic inorganic	x -	x x	x -	L x					
5	PN 3	Sel20-42-4 -	inorganic inorganic	x -	x x	x -	L x					
6	PN 3	Sel20-42-2 -5-1	inorganic inorganic	x -	x x	x -	L x					
7	PN 3	Sel20-42-2 -4.5	inorganic inorganic	x -	x x	x -	L x					
8	PN 3	Sel20-42-2 -5-3	inorganic inorganic	x -	x x	x -	L x					
9	PN 3	Sel20-42-2 -5-2	inorganic inorganic	x -	x x	x -	L x					
10	PN 3	Sel20-42-2 -5-2	inorganic inorganic	x -	x x	x -	L x					
11	PN 3	Sel20-42-10	inorganic inorganic	x -	x x	x -	L x					
12	PN 6	S622-8 -	x* x*	x -	x x	x -	CDFHJ x			*Includes seasonal industrial load (20-C)	from potato processing plant.	
13	PN 8	S139-15-12 -	340E 340E	x -	x x	0 -	aCDEFHJ x					
14	PN 6	S571-11-82-2	inorganic inorganic	x -	x x	x -	x x					
15	PN 8	S139-11-6 -	375E 300E	x -	x x	x -	x x					
16	PN 6	S734-50 -	540E 540E	x -	x x	0 -	BCDFHJ x					
17	PN 8	S139-0.5 -	15,000E 15,000E	x -	x x	0 -	*aCDEFHIJK x					
18	PN 8	S139-2 -	x x	x -	x x	x -	x x			*Railroad yard.		
19	PN 8	S139 -	x 500,000E	x -	x x	5 -	*** x			**Estimated capacity: Lp.5.0 mgd; L.15.0 mgd.	***aCDEFHIJK *Pulp and Paper Mill.	
20	PN 8	S139-x -	200 0	- -	- -	7 -	x x					
21	PN 6	S139 -	1,000E 1,000E	x -	x x	0 -	*** x			*Lumber Mill & Office. ***aCDEFHIJK	**Sanitary wastes discharged with pulp and paper mill wastes.	
22	PN 8	S139-0.25 -	x x	x -	x x	x -	x x					
23	PN 8	S139-0.25 -	x x	x -	x x	x -	x x					
24	PN 6	S139-4 -	inorganic inorganic	x -	x x	0 -	** x			**aCDEFHIJK	*No manufacturing process; dredge to maintain pond depth.	
25	PN 6	S830- -	x x	x -	x x	x -	x x					
26	PN 6	S799-5** -	x 106,600	x -	x x	x -	x x			*Seasonal three months. Av. Operation. Oct. - Dec	**Wastes to Idaho Falls storm sewer.	
27	PN 6	- -	75 0	- -	- -	7 -	x x					
28	PN 8	x -	inorganic inorganic	x -	x x	x -	x x			*Two dredges located north of Lowman.	*Colloidal suspension (clay like material) broken by addition of chems.	
29	PN 7	x -	inorganic inorganic	x -	x x	x -	x x			*Washing and gravity separation plant.		
30	PN 7	S368-70-75 -	1,000E 1,000E	x -	x x	4 -	CDFHJ x					

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE			IDAHO		YEAR		PAGE 7 of 12	
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		1950	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	AVERAGE DAILY FLOW MGD	TREATMENT FACILITIES			LINE No.	
		ESTIMATED POPULATION		SUB- GROUP		Disch'd for P.E. (1000's) Average daily flow MGD	Treatment	Discharge to		
		NUMBER OF PLANT EMPLOYEES								WASTE CLASS.
1		2	3	4	5	6	7	8		
MACE		-	400	Indiv- idual*	x	-	None	Canyon Creek	1	
MALAD CITY		400-2	-	-	-	-	-	-	-	
MALAD CITY		2,715	2,000	S	x	1.6 0.30	ShClEcg	Deep Creek to Malad River	2	
MALAD CITY	Crowther Brothers Milling Company	x	-	20	x	x	x	Deep Creek	3	
MALTA	Kraft Foods Company	x	-	20	x	-	11*	Cassia Creek	4	
MARSING	Growers Marketing Ass., Inc.	x	-	20	x	-	None	Snake River	5	
MARSING	Simplot Western Ida. Products Inc	x	-	20	x	-	None	Snake River	6	
MARSING	Lewis E. Yoder Packing Co.	x	-	20	x	-	None	Snake River	7	
MERIDIAN		1,810	1,800	S*	x	6.5*	ScGhCmFtlhCmEcg	Five Mile Creek	8	
MIDDLETON		-	-	-	-	1.3	DcfhmBoKd	-	-	
MIDDLETON		496	400	S	0.04E	0.4	ScEcg	North Middleton Drain to Boise R.	9	
MONTPELIER		-	-	-	-	0.04	-	-	-	
MONTPELIER		2,682	2,000	C	x	-	None	Montpelier Creek to Bear River	10	
MOSCOW		-	-	-	-	-	-	-	-	
MOSCOW		10,593	12,000	S	0.65	14.0	ScGhKmxCmFtrCmEcg	Paradise Creek	11	
MOUNTAIN HOME		-	-	-	-	1.2	DcfhtBo	-	-	
MOUNTAIN HOME		1,887	4,500	S	0.45E	5.0	GhScCmFtlhClEgc*Dch*	West Side Canal	12	
MOUNTAIN HOME		-	-	-	-	0.5	Bo	-	-	
MOUNTAIN HOME	Mountain Home Air Force Base	-	x	S	x	x	ScCmEgDchBo	Drainage Ditch to Land	13	
MULLAN		x	-	-	-	x	-	-	-	
MULLAN		2,036	2,000	S	0.2E	-	None	South Fork Coeur d'Alene River	14	
MULLAN		-	-	-	-	-	-	-	-	
MULLAN	Golconda Lead Mines	15	-	10	x	-	None	South Fork Coeur d'Alene River	15	
MURRAY		-	-	A	x	-	-	-	-	
MURRAY	Co. Dredge	x-S	-	10	x	-	None*	Coeur d'Alene River	16	
MURRAY		-	-	-	-	x	-	-	-	
NAMPA		16,185	14,000	S	3.0E	43.0	ScCmFtlhCmEgDcfht Bo	Indian Creek	17	
NAMPA		-	-	-	-	5.6	-	-	-	
NAMPA	Amalgamated Sugar Co.	225S	-	20	1.36	-	Sf, 11	Mason Creek to Boise River	18	
NAMPA		-	-	A	x	x	Pulp Drier	-	-	
NAMPA	Amalgamated Sugar Co.	-	-	20	5.08	-	SfL	Indian Creek	19	
NAMPA		-	-	A	x	x	(for waste lime)	-	-	
NAMPA	Amalgamated Sugar Co.	-	75	x	x	x	Cs	x	20	
NAMPA		-	-	-	-	x	-	-	-	
NAMPA	Ankatell	2	-	20	x	-	0, 11	Indian Creek	21	
NAMPA	Slaughterhouse	-	-	E	x	-	-	-	-	
NAMPA	Eddys Cannery	3S	-	20	x	-	E1	Elijah Drain to Indian Creek	22	
NAMPA		-	-	BCF	x	x	-	-	-	
NAMPA	Gen. Foods Corp. Birds Eye Div.	x-S	-	20	x	-	S	Indian Creek	23	
NAMPA		-	-	C	x	x	-	-	-	
NAMPA	Grimes Packing Co.	1	-	20	x	-	11	Ten Mile Drain to Boise River	24	
NAMPA		-	-	EF	x	-	-	-	-	
NAMPA	Hillcrest Packing Co.	2	-	20	x	-	Cs, 11	Mason Creek	25	
NAMPA		-	-	E	x	x	-	-	-	
NAMPA	H.H. Keim Co., Meat Packers	25	-	20	x	-	11	Indian Creek	26	
NAMPA		-	-	EF	x	-	-	-	-	
NAMPA	King Packing Co. Inc.	65	-	20	x	-	11, 4	Indian Creek	27	
NAMPA		-	-	EF	x	-	-	-	-	
NAMPA	Chris. Miller's Feed Yard	2	-	20	x	-	11	Indian Creek	28	
NAMPA		-	-	R	x	-	-	-	-	
NAMPA	Nampa Livestock Commission	10	-	20	x	-	11	Indian Creek	29	
NAMPA		-	-	R	x	-	-	-	-	
NAMPA	Nampa Packing Co.	1	-	20	x	-	11	Wilson Drain to Indian Creek	30	
NAMPA		-	-	E	x	-	-	-	-	

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 7 of 12
										IDAHO	1957	
LINE No.	FACILITY NAME	WATER-COURSE MILEAGE	P.E. (800)	STREAM FLOW FOR DESIGN				POLLUTION ABATEMENT NEEDS	DOWNSTREAM WATER USE	FEE-OUT	REMARKS	ADDITIONAL COMMENTS
			UNTREATED WASTE	Average CFS	Peak (Days)	Frequency (Years)						
			DISCHARGED WASTE									
9	10	11	12	13	14	15	16					17
1	PN 3	Sel20 42-17	400E	x	x	0	L				*Individual sewers discharge directly to stream	
2	GB 7	B15-41-7	2,000E	x	x	20r	x					
3	GB 7	B15-41-8	1,400E	x	x	4	x					
4	PN 6	x	300E**	x	x	x	x				*Whey sold or given away. **Est. min., does not	Include any bulk whey. Excess whey to Cassia Cr. Max.P.E.inic.all whey-2500E
5	PN 7	S424	300E**	x	x	x	x					
6	PN 7	S424	x	x	x	x	CDEFHJ				Seasonal Potato washing, storing, and packing.	
7	PN 7	S424	x	x	x	x	CDEFHJ				Seasonal Potato washing, storing, and packing.	
8	PN 7	S391 30-5	4,000*	13E	x	7	aCDH				*Includes 2200 PE milk products plant (20 HJ)	waste from Ada County Dairymen's Association.
9	PN 7	S391-24-1	320E	x	x	2	CDFHJ					
10	GB 7	B156-2	2,000	4E	7	0	CDFHJ					
11	PN 8	B61-65-18-3	13,000E*	x	x	1	EDI				*Includes industrial wastes (20-E) PE of 10CCE	
12	PN 7	S508-	4,500E	x	x	7	CD				*Digester damaged; not operating.	*Long outfall line equivalent to chlorine contact basin.
13	PN 7	S496-25	x	-	-	7	x					
14	PN 3	Sel20-42-24	2,000E	x	x	0	L					
15	PN 3	Sel20-42-22	inorganic	x	x	x	L					
16	PN 3	Sel20 x	inorganic	x	x	0*	x				*Dredge capacity less than 500 cu. yds. Dredge	control law not applicable. Operates Mon.-Thur. inclusive; seasonal.
17	PN 7	S391-20-10	19,500E	x	x	7	CD					
18	PN 7	S391-22-10	56,000E	x	x	x	CDHJ				Seasonal, operates 4 months - Oct. - Jan.	
19	PN 7	S391 20 9	81,900E	x	x	x	CDHJ				Seasonal, Operates 4 months Oct.- Jan.	
20	PN 7	-	75	x	x	7	x					
21	PN 7	S391-20-13	425E	x	x	x	CDHJ					
22	PN 7	S391-20	150E	x	x	x	CDHJ					
23	PN 7	S391-20-10	7,200E	x	x	x	CDHJ				Seasonal, Operates 3 - 4 months May, Aug - Oct.	
24	PN 7	S391-26-4-2	380E	x	x	x	CD					
25	PN 7	S391-22-10	x	x	x	7	CDHJ					
26	PN 7	S391-20-8	1,440E	x	x	x	CDHJ					
27	PN 7	S391-20-13	5,100E	x	x	x	CD					
28	PN 7	S391-20-12	x	x	x	x	CDHJ					
29	PN 7	S391-20-12	480E	x	x	x	CDHJ					
30	PN 7	S391-18-2.5-6	300E	x	x	x	CDHJ					

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE				YEAR		PAGE 8 of 12			
		IDAHO				1957					
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		1950 POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	AVERAGE DAILY FLOW (MGD)	TREATMENT FACILITIES			LINE No.		
		ESTIMATED POPULATION		IND. GROUP WASTE CLASS.		Disch'd by P.E. (1000's)	Treatment	Discharge to			
										NUMBER OF PLANT EMPLOYEES	Average daily flow used
1	2	3	4	5	6	7	8				
NAMPA	Nampa Stockyard Company	2	-	20 R	x	-	11	Indian Creek	1		
NEW MEADOWS		621	550	S	0.06E	-	None	Little Salmon River	2		
NEW PLYMOUTH		942	800	S	0.08E	0.5	Cs	Drain Ditch to Payette River	3		
NEZPERCE		543	x	S	x	-	None	Little Canyon Cr. to Clearwater R.	4		
NORDMAN	Cedar Pole Pick-up	x	-	24	x	x	x	Priest Lake	5		
NORDMAN	Diamond Hatch Co. Log Flume	x	-	24	x	x	x	x	6		
NOTUS		313	250	S	.025E	0.085	Cs	Boise River	7		
NOTUS	Notus School	-	100	S	0.01E	x	Cs	Conway Drain to Boise River	8		
OROFINO		1,656	1,800	S	0.14E	-	None	Clearwater River	9		
OROFINO	State Hospital North	500-6	550	S	0.05	x	C18o	Clearwater River	10		
OSBURN		995	995	S	0.08E	-	None	South Fork Coeur D'Alene River	11		
PARIS		774	600	S	0.6E	0.235	Cs	Paris Canyon to Bear Lake Outlet	12		
PARIS	Bear L.Dairymen's Coop. Assn. *	15	-	20	0.012	x**	Cs	Drainage Ditch	13		
PARMA		1,369	800	C	x	-	None	Boise River	14		
PARMA	Parma Slaughterhouse	1	-	20	x	-	11	Un-named creek to Snake River	15		
PATTERSON	Bradley Mining Co.	80	-	10	x	x	x	x	16		
PATTERSON	Housing Project	250-0	250	S	x	x	CsIs	Land (Subsurface)	17		
PAUL		560	400	S	0.04E	1.0	ScCiEcBgBo	Main Drain-Minidoka Project	18		
PAUL	Amalgamated Sugar Co.	215-S	-	20	6.92E	-	SfLa . 11	Main Drain of Minidoka I.D.	19		
PAUL	Amalgamated Sugar Co.	-	70	S	x	x	Cs	Main Drain of Minidoka I.D.	20		
PAYETTE		4,032	2,500	S	x	-	None	Payette River	21		
PAYETTE	Idaho Canning Co.	x	x	x	x	x	Sf	Payette River	22		
PAYETTE	Wells & Davies Meat Packers	17	-	20	x	-	11	Payette River	23		
POCATELLO		26,131	24,500	S	x	-	None	Portneuf River	24		
POCATELLO	Kraft Foods Co.	160	-	20	0.04	-	Sf	Portneuf River	25		
POCATELLO	Kraft Foods Co.	-	50	S	x	-	None	Portneuf River	26		
POCATELLO	Midway Meat Co.	1	-	20	x	-	Is;11	Ground	27		
POCATELLO	Millward Packing Co.	1	-	20	x	-	None	Portneuf River	28		
POCATELLO	Peoples Market	7	-	20	x	-	11	Pocatello Creek	29		
POCATELLO	Rowland Bros. Dairy	9	-	20	.010E	-	None	Portneuf River	30		

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 8 of 12
										IDAHO	1957	
LINE No.	WATER-COURSE MILEAGE	P.E. (SQ)		STREAM FLOW FOR DESIGN		DURATION (Days)	FREQ. (Year)	POLLUTION ABATEMENT NEEDS	DOWNSIDE WATER USE	FUTURE ENT	REMARKS	ADDITIONAL COMMENTS
		UNTREATED WASTE	DISCHARGED WASTE	UNTREATED WASTE	DISCHARGED WASTE							
9	10	11	12	13	14	15	16	17	18	19	20	21
1	PN S391-18-12	400E	x	x	x	CDHJ						
7	-	x	-	x	-	x						
2	PN S188-37-40	550E	x	x	0	CDEFHJ						
8	-	550E	-	x	-	x						
3	PN S368-10-2	800E	x	x	4	aCDFHJ						
7	-	680E	-	x	-	x						
4	PN S139-36-20-2	x	x	x	0	CFHJ						
8	-	x	-	x	-	x						
5	PN CFP95-67-11	x	-	-	x	CDFH						
2	-	x	-	-	-	x						
6	PN CFP95-67-11	x	x	x	x	CDFH						
2	-	x	-	x	-	x						
7	PN S391-12	250E	x	x	4	aCDFHJ						
7	-	250E	-	x	-	x						
8	PN S391-11-0.5	100E	x	x	x	x						
7	-	75E	-	x	-	x						
9	PN S139-46	1,800E	x	x	0	aCDFHJ						
8	-	1,800E	-	x	-	x						
10	PN S139-45	550	x	x	4	aCDFHJ						
8	-	500E	-	x	-	x						
11	PN S6120-42-13	995	x	x	0	L						
3	-	995	-	x	-	x						
12	GB B163-9-1	600	x	x	4	CDFHJ						
7	-	450	-	x	-	x						
13	GB B160-7	610E**	x	x	x	N						
7	-	610E**	-	x	-	x						
14	PN S390-5	800E	x	x	0	CDFHJ						
7	-	800E	-	x	-	x						
15	PN S390-6	210E	x	x	x	CDHJ						
7	-	210E	-	x	-	x						
16	PN S188-296-7-13	inorganic	x	x	x	x						
8	-	inorganic	-	x	-	x						
17	PN S188-296-7-13	520E	-	-	7	x						
8	-	0	-	-	-	x						
18	PN S655-7	400E	x	x	7	CDH						
6	-	250E	-	x	-	x						
19	PN S648-8	x	x	x	x	CDH						
6	-	305,800E	-	x	-	x						
20	PN S648-8	70	x	x	7	CDH						
6	-	50	-	x	-	x						
21	PN S368-1	x	x	x	0	aCDFHJ						
7	-	x	-	x	-	x						
22	PN S368-2	x	x	x	x	x						
6	-	x	-	x	-	x						
23	PN S368-2	1,800E	x	x	x	aCDFHJ						
7	-	1,800E	-	x	-	x						
24	PN S738-10	25,000*	x	x	0	edfhj						
6	-	25,000*	-	x	-	x						
25	PN S738-9.5	x	x	x	4	x						
6	-	x	-	x	-	x						
26	PN S738-9	50E	x	x	0	x						
6	-	50E	-	x	-	x						
27	PN S738-9	200E	-	-	7	-						
6	-	0	-	-	-	-						
28	PN S738-9	85E	x	x	x	x						
6	-	85E	-	x	-	x						
29	PN S738-10-0.1	500E	x	x	x	x						
6	-	500E	-	x	-	x						
30	PN S738-7	300E	x	x	x	x						
6	-	300E	-	x	-	x						

*Operated by Kraft Foods. **Rate represents peak production conditions

Seasonal. Oct. - Jan. 4 months average operation.

*Includes industrial wastes 34-1 from Union Pacific Railroad Co. & Pacific Fruit Express Company Shops.

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

				STATE		YEAR		PAGE 9 of 12	
		IDAHO		1957					
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		1956 POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	AVERAGE DAILY FLOW 1950	TREATMENT FACILITIES		LINE No.	
		ESTIMATED POPULATION				Treatment	Discharge to		
		NUMBER OF PLANT EMPLOYEES							
1	2	3	4	5	6	7	8		
POCATELLO	Simplot Fertilizer Co.	35	-	28	0.240	-	Lp	Portneuf River	1
POCATELLO	Westvaco Chemical Co.	230	-	28	1.77E	-	None	Portneuf River	2
POCATELLO	Westvaco Chemical Co.	x	75	S	x	-	CaIs	Sub-surface	3
POCATELLO	Zweigart Packing Co.	25	-	20	.044E	-	O, 11	Portneuf River	4
PORTHILL (area)	Idaho Continental Mines	x	-	10	x	x	Lp	Blue Joe Creek to Kootenai River	5
PORTHILL	Porthill Sawmill	x	-	24	x	x	x	Kootenai River	6
POST FALLS	Setters, Inc.	x-8	-	20	x	x	x	Spokane River	7
POTLATCH		1,105	900	S	0.07E	-	None	Palouse River	8
PRESTON		4,045	3,200	S	0.5	6.0	Sh(KaxCm)EcgDfhato	Worm Creek or Irrigation	9
PRESTON	Knudsen Packing Company	x	-	20	x	x	Ca* Loe	No Effluent*	10
PRICHARD	Day Mines Inc.	48	-	10	.129E	-	Lp	Beaver Creek	11
PRICHARD	Jack Waite Mining Co.	21	-	10	.07E	-	Lp	East Fork of Eagle Creek	12
PRIEST RIVER		1,592	800	C	0.08E	0.2	Ca	Pend Oreille River	13
PRIEST RIVER	Diamond Watch Co.-Sawmill	x	-	24	x	x	x	x	14
PRIEST RIVER	North Idaho Shingle Co.	x	-	24	x	x	x	x	15
PRIEST RIVER	Olson's Sawmill	x	-	24	x	x	x	x	16
REXBURG		4,253	2,700	S	x	-	None	South Fork of Teton River	17
REXBURG	Skelton's Slaughterhouse	1	-	20	x	-	11	South Teton River	18
REXBURG	Wrights Quality Meats	2	-	20	x	-	11	South Teton River	19
RICHFIELD	Nelson Ricks	4	-	20	.004	x	CaIs*	Sub-surface	20
RICHFIELD	Peterson Food Market	1	-	20	.0005	x	CaI*, 11	Land	21
RICHFIELD	Pipers' Slaughterhouse	1	-	20	x	-	L*, 11	Ground	22
RIGBY		1,826	1,600	S	0.16	1.59	CiL	Land(lagoons)	23
RIGGINS	Kimberly Gold Mines	5	-	33	x	-	x	x	24
RIRIE	Kraft Foods Company	x	-	20	x	-	11(They sold or given away)	Farmer's FriendCo Irrigation Canal	25
RIVERIDE		200-6	200	S	0.02E	-	None	Clearwater River	26
ROBERTS	Roberts School	-	70	S	x	x	Ca	Small Slough	27
ROBERTS	Slaughterhouse (Name unknown)	x	-	20	x	x	x	x	28
ROSWELL		60-0	200	S	x	x	Ca	Drain to Upstream Channel Boise R.	29
RUPERT		3,098	2,900	S	0.29E	3.5	ChShCmEgcDghmBo*	Main Drain-Minidoka Project	30

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 9 of 12
										IDAHO	1957	
LINE No.	WATER-COURSE MILEAGE	P.E. (800)		STREAM FLOW FOR DESIGN		POLLUTION ABATEMENT NEEDS	DOMESTIC WATER USE	FUEL-BURN	REMARKS	ADDITIONAL COMMENTS		
		UNTREATED WASTE	DISCHARGED WASTE	Minimum Flow (CFS)	Design (Days)							
9	10	11	12	13	14	15	16				17	
1	PN S738-10	inorganic	x	x	x	x						
6	-	inorganic	-	x	-	-						
2	PN S738-10	inorganic	x	x	7	x						
6	-	inorganic	-	x	-	-						
3	PN -	75	-	-	7	-						
6	-	0	-	-	-	-						
4	PN S738-9.5	5,000E	x	x	x	x						
6	-	5,000E	-	x	-	-						
5	PN K85-8	x	x	x	x	x						
1	-	x	-	x	-	-						
6	PN K103	x	x	x	x	x						
1	-	x	-	x	-	-						
7	PN Se97	x	x	x	x	BCDFJ						
3	-	x	-	x	-	-						
8	PN S61-95	900E	x	x	0	cdf						
8	-	900E	-	x	-	-						
9	GB B68-6	4,000E*	x	x	2	BCDHJ					*Includes PE of 800E milk plant wastes (20-J)	
7	-	2,600E*	-	x	-	-						
10	GB -	600E**	-	-	-	-					*Effluent to shallow pond percolates into fine sand. **Based on sustained maximum daily slaughter.	
7	-	0	-	-	-	-						
11	PN Se120-60-10	inorganic	x	x	x	x						
3	-	inorganic	-	x	-	-						
12	PN Se120-62-5-10	inorganic	x	x	x	x						
3	-	inorganic	-	x	-	-						
13	PN CFP95	800E	x	x	4	aCFHJ						
2	-	800E	-	x	-	-						
14	PN CFP92	x	x	x	x	x						
2	-	x	-	x	-	-						
15	PN CFP95-2	x	x	x	x	x						
2	-	x	-	x	-	-						
16	PN CFP95-3-6	x	x	x	x	x						
2	-	x	-	x	-	-						
17	PN S837-11-8	4,800E	x	x	0	CDFHJ						
6	-	4,800E	-	x	-	-						
18	PN S838-11-8	85E	x	x	x	x						
6	-	85E	-	x	-	-						
19	PN S838-11-6	120E	x	x	x	x						
6	-	120E	-	x	-	-						
20	PN S572-50	200E	-	-	x	*					*Wastes discharged into creviced lava formation.	
6	-	0	-	-	-	-						
21	PN S572-14-46	50E	-	-	x	*					*Wastes may reach creviced lava formation.	
6	-	0	-	-	-	-						
22	PN S572-14-46	50E	-	-	x	*					*Wastes may reach creviced lava formation.	
6	-	0	-	-	-	-						
23	PN S843	1,600	-	-	24	-						
6	-	0	-	-	5	-						
24	PN S188-119	inorganic	x	x	x	x						
8	-	inorganic	-	x	-	-						
25	PN -	800E*	x	x	x	x					*Est. Min., does not include any bulk whey.	
6	-	800E*	-	x	-	-					Excess whey to canal. Max. PE including all whey 8000E.	
26	PN S139-44	200E	x	x	0	aCEFHJ						
8	-	200E	-	x	-	aCEFHJ						
27	PN S815	70	x	x	7	x						
6	-	50	-	x	-	-						
28	PN S815	x	x	x	x	x						
6	-	x	-	x	-	-						
29	PN S392-2-2	200E	x	x	4	CD						
7	-	150E	-	x	-	-						
30	PN S646-13	x	x	x	4	CDH						
6	-	x	-	x	-	-					*Long outfall line equivalent to chlorine contact basin.	

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE			IDAHO		YEAR		PAGE 10 of 12			
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		1956	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	AVERAGE DAILY FLOW MGD	TREATMENT FACILITIES				LINE No.		
		ESTIMATED POPULATION				Dis'd for P.E. (1950's)	Treatment	Discharge to				
									NUMBER OF PLANT EMPLOYEES		IND. GROUP	Average daily flow MGD
1		2	3	4	5	6	7	8				
RUPERT	Manning & Turner Stockyards	x	-	20	x	x	x	x	1			
		-	-	R	x	x	-	-				
ST. ANTHONY		2,695	1,700	S	0.175	-	None	Henry's Fork	2			
		-	-	-	-	-	-	-				
ST. ANTHONY	Ruthardt Slaughterhouse	1	-	20	.004E	-	Is,11	Sub-surface	3			
		-	-	E	x	x	-	-				
ST. ANTHONY	St. Anthony Starch Plant	18	-	20	0.82E	-	St*	Henrys Fork	4			
		-	-	C	x	x	-	-				
ST. ANTHONY	State Industrial School-Boys	-	200	S	0.02E	0.2	CsI	Land	5			
		200-2	-	-	-	0.02	-	-				
ST. ANTHONY	State Industrial School-Girls	-	50	S	x	0.16	CsI	Land	6			
		50-2	-	-	-	0.015	-	-				
ST. MARIES		2,220	2,000	C	x	-	None	St. Joe River	7			
		-	-	-	-	-	-	-				
SALMON		2,648	600	S	0.06E	-	None	Salmon River	8			
		-	-	-	-	-	-	-				
SALMON	Goldstone Mining Co.	x	-	33	x	-	x	x	9			
		-	-	B	x	x	-	-				
SALMON	Idaho Consoli- dated Mines Inc.	5	-	10	x	-	x	x	10			
		-	-	A	x	x	-	-				
SAMUELS	McNerney Sawmill	x	-	24	x	x	x	x	11			
		-	-	-	x	x	-	-				
SANDPOINT		4,265	3,500	S	0.35E	-	None	Pend Oreille Lake	12			
		-	-	-	-	-	-	-				
SHELLEY		1,856	1,800	C	x	-	None	Snake River	13			
		-	-	-	-	-	-	-				
SHOUP	Gregor Mines Inc.	x	-	10	x	-	x	Salmon River	14			
		-	-	A	x	x	-	-				
SILVER KING	Bunker Hill & Sullivan Mining*	x	-	28	33	x	None	Government Gulch Creek	15			
		-	-	A	BD	-	-	-				
SILVER KING	Bunker Hill & Sullivan Mining*	x	x	S	x	x	Cs	Government Gulch Creek	16			
		-	-	-	-	-	x	-				
SILVERTON		-	400	S	x	-	None	South Fork Coeur d'Alene River	17			
		400-2	-	-	-	-	-	-				
SMELTERVILLE		76	900	S	0.09	-	None	South Fork of Coeur d'Alene R.	18			
		1,000-2	-	-	-	-	-	-				
SMELTERVILLE	Linfora Lumber Company	x	-	24	x	-	None	Government Gulch Creek	19			
		-	-	-	-	-	-	-				
SODA SPRINGS		1,329	1,000	S	x	-	None	Little Spring Cr. to Bear River	20			
		-	-	-	-	-	-	-				
SODA SPRINGS	Monsanto Chemical Company	x	-	28	x	x	Lp	Soda Creek	21			
		-	-	AC	-	x	-	-				
SODA SPRINGS	Monsanto Chemical Company	x	x	S	x	x	Cs*	Soda Creek	22			
		-	-	-	-	-	x	-				
SPIRIT LAKE		823	500	S	x	-	None	Spirit Creek	23			
		-	-	-	-	-	-	-				
STAR		-	100	S	.01E	-	Individual Septic Tanks*	Drain Ditch to Boise River	24			
		410-0	-	-	-	-	-	-				
STIBNITE		717	60	S	x	x	Cs	East Fork of So. Fk. of Salmon R.	25			
		60-5	-	-	-	x	-	-				
STIBNITE	Bradley Mining Co.*	-	-	10	x	-	x	East Fork Little Salmon River	26			
		-	-	A	x	-	-	-				
SUGAR CITY	Valley Packing Co.	2	-	20	.012E	-	None	Salmon Slough to Land	27			
		-	-	EG	-	-	-	-				
SUNBEAM	Snake River Mining Co.	x	-	14	x	-	x	Salmon River	28			
		-	-	-	x	x	-	-				
SUN VALLEY		428	2,000	S	0.20E	2.0	ScCm(AmCp)DchEgBoXd	Trail Creek to Big Wood River	29			
		-	-	-	-	0.50	-	-				
TETON	Teton Flour Mills	1	-	20	x	-	None	Teton Drain	30			
		-	-	R	x	-	-	-				

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

														STATE	YEAR	PAGE
														IDAHO	1957	10 of 12
LINE No.	DRAINAGE BASIN	WATER-COURSE MILEAGE	P.E. (BOB)		STREAM FLOW FOR DESIGN		DURATION (Days)	POLLUTION ABILITY (Years)	SOMESTRAN WATER USE	FUTURE	REMARKS	ADDITIONAL COMMENTS				
			UNTREATED WASTE	DISCHARGED WASTE	MINIMUM FLOW CFS	Pro-portion (Years)										
			9	10	11	12	13				14	15	16	17		
1	PN 6	S646-15	x	x	x	x	x									
		-	x	-	x	-	x									
2	PN 6	S838-16	1,700E	x	x	0	CDFHJ									
		-	1,700E	-	x	-	x									
3	PN 6	S838-30-3	425E	-	-	x	-									
		-	0	-	-	-	-									
4	PN 6	S838-30	x	x	x	x	CDFHJ				*Rotary fine screen vacuum filters	Seasonal. Operates Oct. - May 3 months (Average)				
		-	77,400E	-	x	-	x									
5	PN 6	S837-16	200	-	-	7	-									
		-	0	-	-	-	-									
6	PN 6	S837-16	50	-	-	7	-									
		-	0	-	-	-	-									
7	PN 3	Sel27-15	2,100E	x	x	0	CFHJ									
		-	2,100E	-	x	-	x									
8	PN 8	S188-258	820E	x	x	0	CDEFHJ									
		-	820E	-	x	-	x									
9	PN 8	S188-260	inorganic	x	x	x	x									
		-	inorganic	-	x	-	x									
10	PN 8	S188-260	inorganic	x	x	x	x									
		-	inorganic	-	x	-	x									
11	PN 2	CFP127-15	x	x	x	x	x									
		-	x	-	x	-	x									
12	PN 2	CFP119	3,500E	-	-	0	aCFHJ									
		-	3,500E	-	-	-	x									
13	PN 6	S791	4,300E*	x	x	0	CDFHJ				*Includes 2500E PE industrial wastes	(R.T. French Co.) 20-C.				
		-	4,300E*	-	x	-	x									
14	PN 8	S188-219	inorganic	x	x	x	x									
		-	inorganic	-	x	-	x									
15	PN 3	Sel20-40	inorganic	x	x	x	L				*Company Refinery and Acid Plant.					
		-x	inorganic	-	x	-	x									
16	PN 3	Sel20 40	x	x	x	x	L				*Company Refinery and Acid Plant.					
		-x	x	-	x	-	x									
17	PN 3	Sel20-42-15	400E	x	x	0	L									
		-	400E	-	x	-	x									
18	PN 3	Sel20-42-4	900E	x	x	0	L									
		-	900E	-	x	-	-									
19	PN 3	Sel20 42-x	x*	x	x	0	L				*Water scrubber used to remove sawdust and	slanings from vent air.				
		-	x*	-	x	-	x									
20	GB 7	B125-0.5	1,000	x	x	0	CDFHJ									
		-	800	-	x	-	x									
21	GB 7	B125-4	inorganic	x	x	x	CDFHJ									
		-	inorganic	-	x	-	x									
22	GB 7	B125-4	75E	x	x	x	CDFHJ				*Septic Tank effluent disch. with ind. wastes.					
		-	65E	-	x	-	x									
23	PN 3	SCO	500E	x	x	0	ACFHJ									
		-	500E	-	x	-	x									
24	PN 7	S391-33-x	100E	x	x	0	CD				*Effluents discharge into municipal sewers					
		-	100E	-	x	-	x									
25	PN 8	S188-134-40-25	60E	x	x	7	CDEFHJ									
		-	50E	-	x	-	x									
26	PN 8	S189-50-50-25	x	x	x	x	x				*Bradley Mining Company small scale mine	Operations discontinued, except for development work.				
		-	x	-	x	-	x									
27	PN 6	S838-20-5	960E	-	-	x	x									
		-	960E	-	-	-	x									
28	PN 8	S188-390	inorganic	x	x	x	x									
		-	inorganic	-	x	-	x									
29	PN 6	S571-95	2,000	x	x	7	CDFHJ									
		-	200	-	x	-	x									
30	PN 6	S838-11-11	x	x	x	x	CD									
		-	x	-	x	-	x									

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		STATE			YEAR		PAGE 11 of 12	
		IDAHO			1957			
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY	1950 POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	AVERAGE DAILY FLOW MGD	TREATMENT FACILITIES			LINE No.
	ESTIMATED POPULATION		IND. GROUP		Des'd for P.E. (1000 ft)	Treatment	Discharge to	
	NUMBER OF PLANT EMPLOYEES		WASTE CLASS.					
1	2	3	4	5	6	7	8	
TROY	531	460	S	.046E	0.145	Cs	Tributary of	1
	-	-	-	-	0.015	-	Potlatch River	
TWIN FALLS	17,600	13,000	S	1.3E	-	None	Rock Creek	2
	-	-	-	-	-	-	-	
TWIN FALLS	Amalgamated Sugar Co.	2505	20	8.10E	-	StLp 4 11*	Rock Creek	3
	-	-	A	PC	x	-	-	
TWIN FALLS	Custom Packing Company	x	20	x	x	x	x	4
	-	-	E	x	x	-	-	
TWIN FALLS	Hows' Livestock	x	20	x	x	x	x	5
	-	-	R	x	x	-	-	
TWIN FALLS	Idaho Hide & Tallow Co.	x	20	x	x	x	x	6
	-	-	P	x	x	-	-	
TWIN FALLS	Idaho Packing Co.	x	20	x	x	x	x	7
	-	-	F	x	x	-	-	
TWIN FALLS	Independent Packing Co.	x	20	x	x	x	x	8
	-	-	EF	x	x	-	-	
TWIN FALLS	Magic Valley Processing Co.	135	20	0.4E	-	None	Rock Creek	9
	-	-	C	x	-	-	-	
TWIN FALLS	Sunrise Products Co.	x	20	x	x	x	x	10
	-	-	C	x	x	-	-	
TWIN FALLS	Western Condensing Co.	x	20	x	-	None	Rock Creek	11
	-	-	R*	-	-	-	-	
TWIN FALLS	York Packing Company	x	20	x	x	x	x	12
	-	-	EF	-	x	-	-	
VICTOR	Nelson Ricks	5	20	.005E	-	Is	Sub-surface	13
	-	-	I	x	-	-	-	
WALLACE	3,140	3,100	S	x	-	None	South Fork Coeur d'Alene River	14
	-	-	-	-	-	-	-	
WALLACE	Coeur d'Alene Mines Corp.	28	10	x	-	None	South Fork Coeur d'Alene River	15
	-	-	A	x	-	-	-	
WALLACE	Day Mines Inc. *	103	10	.284E	-	None	Canyon Creek	16
	-	-	A	x	-	-	-	
WALLACE	Day Mines Inc., Dayrock Mining Co	87	10	.180E	-	C *	Nine Mile Creek	17
	-	-	A	x	-	-	-	
WALLACE	Day Mines Inc. Hercules Min. Co.	29	10	x	-	None	Canyon Creek	18
	-	-	A	x	-	-	-	
WALLACE	Fed. Min. and Smelt. Company	250	10	.365E	-	None	South Fork Coeur d'Alene River	19
	-	-	A	x	-	-	-	
WALLACE	Galena Mining Co.	7	10	0.05E	-	None	South Fork Coeur d'Alene River	20
	-	-	A	x	-	-	-	
WALLACE	Hecla Mining Co., Star Mine & Mill	18	10	.520E	-	None	Canyon Creek	21
	-	-	A	-	-	-	-	
WALLACE	Highland Surprise Consol. Mining Co	37	10	x	-	None	East Fork Pine Creek	22
	-	-	A	x	-	-	-	
WALLACE	Polaris Mining Co.	8	10	.094E	-	None	South Fork Coeur d'Alene River	23
	-	-	A	x	-	-	-	
WALLACE	Wallace West Co.	x	20	x	-	None	Nine Mile Creek	24
	-	-	E	x	-	-	-	
WARDNER	772	750	Indiv- idual*	x	-	None	Milo Creek	25
	-	-	-	-	-	-	-	
WARDNER	B.Hill & Sullivan Mining & Conc. Co	x	10	x	-	None	Milo Creek	26
	-	-	A	x	-	-	-	
WARREN	Idaho Warren Company, Inc.	x	10	x	-	Settling Ponds	x	27
	-	-	-	-	x	-	-	
WEISER	3,961	3,500	G	0.35E	-	None	Snake River	28
	-	-	-	-	-	-	-	
WEISER	Rare Metal Corp. of America	x	10 33	x	x	x	x	29
	-	-	B	-	x	-	-	
WEISER	Weiser Stock Feed and Sales Yard	x	20	x	-	None	Snake River	30
	-	-	R	x	-	-	-	

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LINE No.	FACILITY NAME	WATER-COURSE MILEAGE	P.E. (000)	STREAM FLOW FOR DESIGN		POLLUTION ABATEMENT MEANS	DOWNSTREAM WATER USE	FUEL-FIRE	REMARKS	ADDITIONAL COMMENTS		
			UNTREATED WASTE	GAL/SEC	CFS						OPERATION (Days)	FACILITY (Years)
			DISCHARGED WASTE									
9	10	11	12	13	14	15	16	17				
1	PN S139 15-12	460E	x	x	4	ACFHJ						
2	PN S615-6	x	x	x	0	CDFHJ						
3	PN S615-10	x	x	x	2				Seasonal. Operate 4 mos. Average, Oct. - Jan.	*Steffens wastes concentration.		
4	PN S615-x	x	x	x	x							
5	PN S615-x	400E*	x	x	x				*Based on sustained maximum daily slaughter.			
6	PN S615-x	2,000E	x	x	x							
7	PN S615-x	x	x	x	x							
8	PN S615-x	7,000E*	x	x	x				*Based on sustained maximum daily slaughter.			
9	PN S615-6	68,700E	x	x	0				Seasonal. Operates 8 mos. Average. Sept. - May.			
10	PN S615-6	x	x	x	x							
11	PN S615-6	x	x	x	x				*Dry whey plant.			
12	PN S615-x	2,400E	x	x	x							
13	PN S838-20-66	270	-	-	x							
14	PN S6120-42-3	3,100	x	x	0	L						
15	PN S6120-42-3	inorganic	x	x	x	L						
16	PN S6120-42-3	inorganic	x	x	x	L			*For part of wastes only			
17	PN S6120-42-3	inorganic	x	x	x	L						
18	PN S6120-42-3	inorganic	x	x	x	L			*Tamarack & Custer Consolidated Mining Co.			
19	PN S6120-42-3	inorganic	x	x	x	L						
20	PN S6120-42-3	inorganic	x	x	x	L						
21	PN S6120-42-3	inorganic	x	x	x	L						
22	PN S6120-42-3	inorganic	x	x	x	L						
23	PN S6120-42-3	inorganic	x	x	x	L						
24	PN S6120-42-3	x	x	x	x	L						
25	PN S6120 42-7	750	x	x	0	L			*Individual sewers discharge directly to stream			
26	PN S6120 42-7	inorganic	x	x	x	L						
27	PN S6351	x	x	x	0	CEFHJ						
28	PN S6352-x	inorganic	x	x	x							
29	PN S6351	500	x	x	x	CEFHJ						
30	PN S6351	x	x	x	x							

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COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY	1950 POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	AVERAGE DAILY FLOW MGD	TREATMENT FACILITIES			LINE No.	
	ESTIMATED POPULATION		IND. GROUP WASTE CLASS.		Discharge to	Treatment	Discharge to		
	NUMBER OF PLANT EMPLOYEES								
1	2	3	4	5	6	7	8		
WHITNEY	Franklin County	x	-	20	4.4E	-	L	Worm Creek to	1
	Sugar Co.	-	-	A	x	-	-	Cub River	
WILDER		555	*700	S	0.10E	-	Private Septic	Wilder Drain	2
		-	-	-	-	-	Tanks**	-	
									3
									4
									5
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IDAHO										1957			
LINE No.	WATER- COURSE MILEAGE	P.S. (GPD)		STREAM FLOW FOR DESIGN		POLLUTION ABATEMENT NEEDS	DOMESTIC WATER USE	FERTILIZER	REMARKS	ADDITIONAL COMMENTS			
		UNTREATED WASTE	DISCHARGED WASTE	DESIGN FLOW CFS	Duration (Days)								
9	10	11	12	13	14	15	16	17					
1	CD 355-5-7	212,000	X	X	2	CDHJ	Seasonal operates 1 month						
2	7 -	212,000	-	X	-	X	average, Oct. - Nov.						
3	PH S411-X	*1,000	X	X	0	X	*Seasonal; includes			**Effluents discharge to sewer system			
4	7 -	*800	-	X	-	X	school sewage.						
5													
6													
7													
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MONTANA

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE				MONTANA		YEAR		PAGE 1 of 7	
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		1960 POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	IND. GROUP WASTE CLASS.	AVERAGE DAILY FLOW MGD	TREATMENT FACILITIES				LINE No.
		ESTIMATED POPULATION		Duo'd for P.E. (1000's)			Average daily flow MGD	Treatment	Discharge to		
NUMBER OF PLANT EMPLOYEES											
1		2	3	4	5	6	7	8	9		
ABSOROKEE		-	300	S	x	1.0	C1B0	Stillwater River	1		
		300-4	-	-	-	0.2	-	-	-		
ANACONDA		11,254	12,000	S	x	-	None	Drainage Ditch & Warm Springs Cr.	2		
		-	-	-	-	-	-	-	-		
ANACONDA	Anaconda Copper Mining Co.	2,800E to 3,500E	*900E to 1,000E	10 A	35E	-	Lp (1-9)	Creeks & Canals to Clark Fork R.	3		
BAINVILLE		356	250	S	0.02E	1.	C1B0	Shotgun Cr. & sub-surface	4		
		-	-	-	-	0.1	-	-	-		
BAKER		1,772	1,700	S	x	x	L0	Lagoon	5		
		-	-	-	-	-	-	-	-		
BEARCREEK		162	150	S	x	0.15	C0	Bear Creek	6		
		-	-	-	-	0.015	-	-	-		
BELGRADE		663	600	S	x	x	C0Is	East Gallatin R.	7		
		-	-	-	-	x	-	-	-		
BIG SANDY		743	700	S	x	0.1	L0	Lagoon	8		
		-	-	-	-	-	-	-	-		
BIG TIMBER		1,679	1,280	S	x	1.5	C0	Yellowstone River	9		
		-	-	-	-	x	-	-	-		
BILLINGS		31,834	30,000	S	7.3	50.	San. Co. Grads	Yellowstone River	10		
		-	-	-	-	13.5	-	-	-		
BILLINGS	Carter Oil Co. Refinery	250	-	29	25.3	-	4 (Caustic Waste) and 7 (Separator)	Yellowstone River	11		
		-	-	A	CP	x	-	-	-		
BILLINGS	Continental Oil Co. Refinery	132	-	29	0.14	-	7 (Separator) and 10 (Caustic Waste)	Yellowstone River	12		
		-	-	A	CP	x	-	-	-		
BILLINGS	Great Western Sugar Co. Ref.	400-S	-	20	19.5	-	None (Lime Waste Impounded)	Yellowstone River	13		
		-	-	A	CP	-	-	-	-		
BILLINGS	Midland Empire Packing Co.	70	-	20	0.10	-	None	Yellowstone River	14		
		-	-	F	CP	-	-	-	-		
BILLINGS	Pierce Packing Co.	200	-	20	0.34	x	Grease traps and Grease recovery basin	Yellowstone River	15		
		-	-	F	CP	x	-	-	-		
BIRNEY	Indian Boarding School	50-1	-	50	x	x	C0	Tongue River	16		
		-	-	-	-	x	-	-	-		
BLACK EAGLE		1,449	1,300	S	x	-	None	Missouri River	17		
		-	-	-	-	-	-	-	-		
BONITA	Linton Mines	13	-	10	x	-	Lp	Kramer Creek to Clark Fork	18		
		-	-	A	x	x	-	-	-		
BONNER	Anaconda Copper Mining Co. Sawmill	500	-	24	x	-	11 (Sawdust burned)	Big Blackfoot River	19		
		-	-	-	x	-	-	-	-		
BOULDER	State School	585-9	500	S	x	x	C0	Boulder River to Jefferson River	20		
		-	-	-	-	x	-	-	-		
BOZEMAN		11,323	12,000	S	4.2	14.7	ScCmBgDtBo	East Gallatin R.	21		
		-	-	-	-	4.0	-	-	-		
BOZEMAN	Bozeman Pea Cannery	140SE	-	20	0.5	x	L0	Lagoon	22		
		-	-	C	CP	x	-	-	-		
BRADY		240-4	240	S	x	0.275	L0	Lagoon	23		
		-	-	-	-	-	-	-	-		
BRIDGER		854	720	S	x	0.5	C0Pa	Clark Fork of Yellowstone River	24		
		-	-	-	-	x	-	-	-		
BROADUS		517	500	S	x	-	None	Powder River	25		
		-	-	-	-	-	-	-	-		
BROCKTON		350-6	200	S	x	0.2	L0	Lagoon	26		
		-	-	-	-	x	-	-	-		
BROWNING		1,601	1,900	S	x	2.0	C0	Willow Creek to Cut Bank Creek	27		
		-	-	-	-	0.12	-	-	-		
BUTTE		33,251	50,000	S	x	-	None	Clark Fork River	28		
		-	-	-	-	-	-	-	-		
BUTTE	Anaconda Copper Co. (Precip. Plt.)	-	-	33	6.6	-	None	Clark Fork River	29		
		-	-	A	x	-	-	-	-		
BUTTE	Curt Blastech Slaughterhouse	23	-	20	x	-	None	Clark Fork River	30		
		-	-	S	x	-	-	-	-		

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INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 1 of 7
										MONTANA	1957	
LINE No.	DRAINAGE BASIN	WATER-COURSE MILEAGE	F.E. (BOU)		STREAM FLOW FOR DESIGN		POLLUTION ABATEMENT	WATER USE	FEE-EST	REMARKS	ADDITIONAL COMMENTS	
			UNTREATED WASTE	DISCHARGED WASTE	MAXIMUM FLOW CFS	Operation (Days)						
						Frequency (Years)						
9	10	11	12	13	14	15	16					17
1	MR Y396.3-12-2	300	x	x	4	ABCDPH						
2	PN CF473-5	12,818	x	x	0	edL						
3	PN CF473-5	**	x	x	7	edL				*To settling lagoon		
4	MR M1700-8	250	x	x	7	CD				**Mainly inorganic		
5	MR	1,700	-	-	7	-						
6	MR Y363.7-70-2	150	x	x	7	CDPH						
7	MR M2464-10-21	710	x	x	4	CDPH						
8	MR	700	-	-	7	-						
9	MR Y436.4	1,388	x	x	1	CDPHAB						
10	MR Y316.0	30,000	1,587	30	2	BCDPHA						
11	MR Y310	16,500	-	5	-	-						
12	MR Y343	x	1,587	30	7	BCDPHA						
13	MR Y345	35,900	-	5	-	-						
14	MR Y343	x	1,587	30	2	BCDPHA						
15	MR Y343	4,400	-	5	-	-						
16	MR Y345	503,000	1,587	30	0	BCDPHA						
17	MR Y343	523,000	-	5	-	-						
18	MR Y343	6,9008	1,587	30	0	BCDPHA						
19	MR Y343	6,9008	-	5	-	-						
20	MR Y343	15,7008	1,587	30	4	BCDPHA						
21	MR Y343	15,1008	-	5	-	-						
22	MR Y161.8-	50	x	x	7	CDPH						
23	MR Y161.8-	35	-	x	-	-						
24	MR M2216	1,3008	x	x	0	BCDPHA						
25	PN CF394-10	1,3008	-	x	-	x						
26	PN CF362-5	Inorganic wastes	x	x	7	CDPH						
27	PN CF362-5	Food wastes	-	x	-	x						
28	MR M2,464-33-	514	x	x	4	CDPH						
29	MR M2,464-33-	475	-	x	-	x						
30	MR M2,464-10-	12,144	x	x	7	CDPH						
31	MR M2,464-10-	8,400	-	x	-	-						
32	MR	16,600	-	-	5	-						
33	MR	0	-	-	-	-						
34	MR	240	-	-	7	-						
35	MR	-	-	-	-	-						
36	MR Y363.7-52	745	285	30	4	ACDPH						
37	MR Y363.7-52	575	-	5	-	-						
38	MR Y145.6-138	500	29	30	0	CDPH						
39	MR Y145.6-138	500	-	5	-	-						
40	MR	200	-	-	7	-						
41	MR	-	-	-	-	-						
42	MR M2181-032-	1,900	x	x	4	ACH						
43	MR M2181-032-	1,500	-	x	-	-						
44	PN CF501	64,740	x	x	0	BLCD						
45	PN CF501	64,740	-	x	-	-						
46	PN CF505	*Inorganic wastes	x	x	x	BLCD				*Iron Sulfate & Sulfuric Acid		
47	PN CF505	-	-	x	-	x						
48	PN CF501	450	x	x	0	BLCD						
49	PN CF501	450	-	x	-	-						

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE				YEAR		PAGE 2 of 7	
		MONTANA				1957			
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	ESTIMATED DAILY FLOW (MGD)	TREATMENT FACILITIES		Discharge to	LINE No.
		ESTIMATED POPULATION		NO. GROUP		Treatment			
		NUMBER OF PLANT EMPLOYEES		WASTE CLASS.					
1	2	3	4	5	6	7	8		
BUTTE	Domestic Wng. & Development Co.	65-70	-	10	x	-	Lp (Tailings Lagoon)	Clark Fork River	1
		-	-	A	x	x			
BUTTE	New Butte	2	-	20	x	x	* 7	Clark Fork River	2
	Butchering Co.	-	-	E	x	x	-	-	
BUTTE	Pioneer Fuel & Lumber Co.	38	-	14	x	-	None	Clark Fork River	3
		-	-	-	x	-	-	-	
BUTTE	Tierney Brothers Sand & Gravel	5	-	14	x	-	None	Ditch to Clark Fork River	4
		-	-	-	x	-	-	-	
CANYON FERRY	U.S. Bur. of Rec.	-	95	S	x	x	ClFtnCpIpBo	Sub-surface	5
		95-5	-	-	-	x	-	-	
CASCADE		447	400	x	x	-	None	Missouri River	6
		-	-	-	-	-	-	-	
CASCADE COUNTY	Rural Improvement Dist. #10	-	400	S	x	0.4	CaIs	Sub-surface*	7
		400-4	-	-	-	0.04	-	-	
CENTERVILLE		1,825	(1,800)	S	-	-	None (thru Butte Sewers)	Clark Fork River	8
DEKLEIN GULCH		-	-	-	-	-	-	-	
CHARLO		-	300	S	x	0.3	Lo*	x	9
		260-0	-	-	-	-	-	-	
CHESTER		733	700	S	x	0.9	Lo	Lagoon	10
		-	-	-	-	-	-	-	
CHINOOK		2,307	3,000	S	0.25	3.0	CaFr&GmBg	Milk River	11
		-	-	-	-	0.3	-	-	
CHINOOK	Diamond Asphalt Co.	x	-	29	x	x	L 7 (Separator)	Lagoon	12
		-	-	A	-	x	-	-	
CHOTEAU		1,618	1,600	S	x	3.0	Lo	Lagoon	13
		-	-	-	-	-	-	-	
CIRCLE		856	600	S	x	1.5	Lo	Lagoon	14
		-	-	-	-	-	-	-	
COLUMBIA FALLS	Anaconda Copper Co.*	x	-	33	x	x	ShScAmDpBo	Flathead River	15
		-	-	B	-	x	-	-	
COLUMBIA FALLS	Reiton & Spencer Sand & Gravel	x	-	14	x	-	None	Flathead River	16
		-	-	-	x	-	-	-	
COLUMBIA FALLS	State Soldiers Home	120-0	120	S	x	x	Ca	Flathead River	17
		-	-	-	-	x	-	-	
COLUMBIA FALLS	Veterans Housing Project	-	130	S	x	0.13	CaIs	Sub-surface	18
		130-1	-	-	-	x	-	-	
COLUMBUS		1,097	1,000	S	x	1.6	Ca	Yellowstone River	19
		-	-	-	-	0.15	-	-	
CONRAD		1,865	1,800	S	x	x	Lo*	Pondera Creek	20
		-	-	-	-	x	-	-	
CROW INDIAN AGENCY		-	800	x	x	x	(Primary)	Little Big Horn River	21
		800-1	-	-	-	x	-	-	
CULBERTSON		779	700	S	x	0.6	ScAmBo	Missouri River	22
		-	-	-	-	0.06	-	-	
CUT BANK		3,741	3,700	S	x	2.0	CaFa	Cut Bank Creek	23
		-	-	-	-	0.1	-	-	
CUT BANK	Union Oil Refinery	65	-	29	x	x	Lo	*Lagoon	24
		-	-	A	-	-	-	-	
DEER LODGE		3,779	3,000	C	x	-	None	Clark Fork River	25
		-	-	-	-	-	-	-	
DEER LODGE	State Penitentiary	560-0	560	S	x	-	None	Clark Fork River	26
		-	-	-	-	-	-	-	
DENTON		435	440	S	x	0.48	Lo	Lagoon	27
		-	-	-	-	-	-	-	
DILLON		3,268	4,000	S	x	4.0	Lo	Lagoon	28
		-	-	-	-	-	-	-	
DILLON	Green Mountain Mining Co.	-	-	10	x	-	None	Revinas Creek to Flathead River	29
		-	-	A	x	-	-	-	
DILLON	Indian Agency	-	150	S	x	-	None	Flathead River	30
		150-0	-	-	-	-	-	-	

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 2 of 7
										MONTANA	1957	
LINE No.	FACILITY NAME	WATER COURSE NO. & AGE	P.E. (GPM)	STREAM FLOW FOR DESIGN		POLLUTION ABATEMENT NEEDS	WATER USE	FUTURE	REMARKS	ADDITIONAL COMMENTS		
			UNTREATED WASTE	Discharge (GPM) (Flow) (Year)	Discharge (GPM) (Flow) (Year)							
			DISCHARGED WASTE									
9	10	11	12	13	14	15	16	17				
1	PN 9	CF501 -	Inorganic wastes	x	x	7	BLCD					
2	PN 2	CF501 -	450	x	x	4	BLCD		*Grease Trap & Screens			
3	PN 2	CF498 -	Inorganic wastes *	x	x	0	BLCD		*Silt from gravel washing			
4	PN 2	CF485 -	Inorganic wastes *	x	x	0	BLCD		*Gravel washings			
5	MR 1	-	95	-	-	7	-					
6	MR 1	M2306 -	400	x	x	0	CDPHAB					
7	MR 1	-	400	-	-	7	-		*By-pass provided to Missouri River			
8	PN 2	-	-	-	-	-	-					
9	PN 2	x	300	x	x	7	x		*3 acre Lagoon; no effluent			
10	MR 1	-	700	-	-	7	-					
11	MR 1	M1857-363 -	3,152	x	x	7	ACDPH					
12	MR 1	-	1,600	-	-	7	-					
13	MR 1	-	1,600	-	-	7	-					
14	MR 2	-	600	-	x	7	-					
15	PN 2	CF244-123 -	x	x	x	7	ABCDPH		*Aluminum plant.			
16	PN 2	CF244-145 -	Inorganic	-	-	x	CDPHAB					
17	PN 2	CF244-137 -	1202	x	x	7	CDPHAB					
18	PN 2	-	1002	-	x	-	x					
19	MR 2	Y396 -	1,051	x	x	4	ABCDPH					
20	MR 1	M2181 80-100 -	1,800	x	x	7	x		*2 cell Lagoon, 10 acres Each, no effluent			
21	MR 2	Y279.4-10.5-14 -	800	46	30	4	bCDFH					
22	MR 3	M1715.1 -	700	x	x	4	CDPH					
23	MR 1	M2181-433-20 -	3,700	x	x	4	CDPH					
24	MR 1	-	3,300	-	x	-	-		*Any discharge goes to Landlocked Area			
25	PN 2	CF457 -	3,034	x	x	0	CD					
26	PN 2	CF457 -	5608	x	x	0	CD					
27	MR 1	-	440	-	-	7	-					
28	MR 1	-	0	-	-	-	-					
29	PN 2	CF244-22-2 -	Inorganic wastes	x	x	x	CDPH					
30	PN 2	CF244-22 -	150	x	x	0	CDPH					

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE			YEAR		PAGE 3 of 7		
		MONTANA			1957				
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY	POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	AVERAGE DAILY FLOW (MGD)	TREATMENT FACILITIES			LINE No.	
	ESTIMATED POPULATION				Dis'ld for P.E. (1957)	Treatment	Discharge to		
	NUMBER OF PLANT EMPLOYEES								
1	2	3	4	5	6	7	8		
DRUMMOND		531	530	S	x	-	None	Clark Fork River	1
DRUMMOND	Drummond Meat & Grocery Sitrhouse	28	-	20 E	x	-	None	Flint Creek to Clark Fork River	2
DUTTON		431	450	S	x	0.8 .08b5	ScAmI Bo	Land	3
EAST HELENA		1,216	1,200	S	x	1.4	Lo (2 cells)	Lagoon	4
EKALAKA		904	400	S	0.015	0.75	ScAmBo	Russell Creek to Little Beaver Cr.	5
EUREKA		929	860	S	x	x	Cs	Tobacco River	6
FAIRFIELD		693	800	S	x	1.0	Lo	Lagoon	7
FAIRVIEW		942	1,200	S	x	1.0	CaBo*	Drain Ditch to Yellowstone River	8
FORSYTH		1,906	2,000	S	x	4.0	ClBo	Yellowstone River	9
FORT BELKNAP		-	200	S	x	x	CaIs	Milk River	10
FORT BENTON		200-1	-	-	-	x	-	-	
FORT BENTON		1,522	1,500	S	x	-	None	Missouri River	11
FORT HARRISON	V. A. Hospital	-	300	S	x	x	Cs	7 Mi. to 10 Mi. to Prickly Pear Cr.	12
FORT KEOGH	U.S. Ag. Exp. Station	-	190	S	x	x	ClF	Yellowstone River	13
FORT PECK		190-4	-	-	-	x	-	-	
FORT PECK		1,214	1,100	x	x	-	None	Missouri River	14
FROID		-	-	-	-	-	-	-	
FROID		555	150	S	x	x	Fr	Sheep Creek to Big Muddy Creek	15
GALEN	State T.B. Hospital	-	500	S	x	1.0	ScStAmDeBo	Clark Fork River	16
GALEN		500-2	-	-	-	0.1	-	-	
GARDINER		-	850	S	x	0.5	Cs	Yellowstone River	17
GARDINER		602-1	-	-	-	0.05	-	-	
GERALDINE		374	400	S	x	0.5	Lo	Lagoon	18
GLACIER PARK STATION		-	200	S	x	x	Cs	Two Medicine River	19
GLACIER PARK STATION		476-1	-	-	-	x	-	-	
GLASGOW		3,821	3,800	C	x	-	None	Milk River	20
GLENDIVE		-	-	-	-	-	-	-	
GLENDIVE		5,254	5,060	S	x	-	None	Yellowstone River	21
GLENDIVE		-	-	-	-	-	-	-	
GLENDIVE	Northern Pacific RR Maint. Shop	x	-	39	x	-	None	Yellowstone River	22
GREAT FALLS		-	-	-	-	-	-	-	
GREAT FALLS		39,214	39,200	S	x	-	None	Missouri River	23
GREAT FALLS		-	-	-	-	-	-	-	
GREAT FALLS	A. C. W. Reduction Plant	1,750	-	33-34 DE-EH	x	-	None	Missouri River	24
GREAT FALLS		-	-	-	-	-	-	-	
GREAT FALLS	Great Falls Meat Company	40	-	20 F	x	x	(Minor)	Missouri River	25
GREAT FALLS		-	-	-	x	x	-	-	
GREAT FALLS	Great Northern R.R. Main. Shops	x	-	39	x	x	(Minor)	Missouri River	26
GREAT FALLS		-	-	-	x	x	-	-	
GREAT FALLS	Phillips Oil Refinery	62	-	29 A	x	x	(Partial)	Missouri River	27
GREAT FALLS		-	-	-	-	-	-	-	
HAMILTON		2,678	2,000	S	x	8.0	ShScChCmEgDchrBo	Bitter Root River	28
HAMILTON		-	-	-	-	0.9	-	-	
HAMILTON	Gold Medal Dairies	9	-	20 I	x	-	None	Ditch to Bitter Root River	29
HAMILTON		-	-	-	-	-	-	-	
HAMILTON	Wilkerson's Slaughterhouse	2	-	20 E	x	-	None	Bitter Root River	30
HAMILTON		-	-	-	-	-	-	-	

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE				YEAR		PAGE 3 of 7	
		MONTANA				1957			
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	AVERAGE DAILY FLOW (MGD)	TREATMENT FACILITIES			LINE No.
		ESTIMATED POPULATION		WASTE CLASS.		Treatment	Discharge to		
		NUMBER OF PLANT EMPLOYEES							
		1	2		3			4	
DRUMMOND		531	530	S	x	-	None	Clark Fork River	1
DRUMMOND	Drummond West & Grocery Sitnhouse	25	-	20 E	x	-	None	Flint Creek to Clark Fork River	2
DUTTON		431	450	S	x	0.8 .085	ScAmI Bo	Land	3
EAST HELENA		1,216	1,200	S	x	1.4	Lo (2 wells)	Lagoon	4
EKALAKA		904	400	S	0.015	0.75	ScAmBo	Russell Creek to Little Beaver Cr.	5
EUREKA		929	860	S	x	x	Cs	Tobacco River	6
FAIRFIELD		693	800	S	x	1.0	Lo	Lagoon	7
FAIRVIEW		942	1,200	S	x	1.0	CsBo*	Drain Ditch to Yellowstone River	8
FORSYTH		1,906	2,000	S	x	4.0	CiBo	Yellowstone River	9
FORT BELKNAP		300-1	200	S	x	x	CaIs	Milk River	10
FORT BENTON		1,522	1,500	S	x	-	None	Missouri River	11
FORT HARRISON	V. A. Hospital	300-1	300	S	x	x	Cs	7 Mi. to 10 Mi. to Prickly Pear Cr.	12
FORT KEOGH	U.S. Ag. Exp. Station	190-4	190	S	x	x	CiF	Yellowstone River	13
FORT PECK		1,214	1,100	x	x	-	None	Missouri River	14
FROID		555	150	S	x	x	Fr	Sheep Creek to Big Muddy Creek	15
GALEN	State T.B. Hospital	500-2	500	S	x	1.0	ScStAmDeBo	Clark Fork River	16
GARDINER		602-1	850	S	x	0.5	Ca	Yellowstone River	17
GERALDINE		374	400	S	x	0.5	Lo	Lagoon	18
GLACIER PARK STATION		476-1	200	S	x	x	Cs	Two Medicine River	19
GLASGOW		3,821	3,800	C	x	-	None	Milk River	20
GLENDIVE		5,254	5,060	S	x	-	None	Yellowstone River	21
GLENDIVE	Northern Pacific RR Maint. Shop	x	-	39	x	-	None	Yellowstone River	22
GREAT FALLS		39,214	39,200	S	x	-	None	Missouri River	23
GREAT FALLS	A. C. W. Reduction Plant	1,750	-	33-34 DE-EH	x	-	None	Missouri River	24
GREAT FALLS	Great Falls Meat Company	40	-	20 F	x	x	(Minor)	Missouri River	25
GREAT FALLS	Great Northern R.R. Main. Shops	x	-	39	x	x	(Minor)	Missouri River	26
GREAT FALLS	Phillips Oil Refinery	62	-	29 A	x	x	(Partial)	Missouri River	27
HAMILTON		2,678	2,000	S	x	8.0	ShF.JhCmEgDchrBo	Bitter Root River	28
HAMILTON	Gold Medal Dairies	9	-	20 I	x	-	None	Ditch to Bitter Root River	29
HAMILTON	Wilkerson's Slaughterhouse	2	-	20 E	x	-	None	Bitter Root River	30

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 3 of 7
										MONTANA	1957	
LINE No.	FACILITY NAME	WATER-COURSE RELEASE	P.E. (MGD)		STREAM FLOW FOR DESIGN		FILLING CAPACITY (Days)	FILLING CAPACITY (Years)	FILLING CAPACITY (Months)	FILLING CAPACITY (Days)	FILLING CAPACITY (Months)	FILLING CAPACITY (Days)
			UNTREATED WASTE	DISCHARGED WASTE	UNTREATED WASTE	DISCHARGED WASTE						
9	10	11	12	13	14	15	16	17	18	19	20	21
1	PN CF415		530	x	x	0	CDf					
2	PN CF415-1		145	x	x	0	CDf					
3	MR		450	-	-	7						
4	MR		1,200	-	-	7						
5	MR		400	x	x	1	C					
6	PN K262-8		880	x	x	4	CDFH					
7	MR		800	-	-	7						
8	MR Y20		1,200	x	x	7	CDFH					
9	MR Y230.8		2,000	x	x	1	ACDFH					
10	MR M1857.4-319		200	x	x	4	CDFH					
11	MR M2202		1,500	x	x	0	CDFH					
12	MR M2372.5-9.4-5.2		300	x	x	4	CDFH					
13	MR Y182		190	2,487	30	7	ACDFH					
14	MR M1875.2		1,100	x	x	0	CDFH					
15	MR M1725.7-35-8		150	0	-	4	x					
16	PN CF470		500	x	x	7	cd					
17	MR Y535		850	642	30	1	ACDFH					
18	MR		400	-	-	7						
19	MR M2181-237-125		200	x	x	2	x					
20	MR M1857.4-60		3,825	x	x	0	CDFH					
21	MR Y92.1		5,132	x	x	0	CDFH					
22	MR Y92		x	x	x	0	CDFH					
23	MR M2248		40,300	x	x	0	ABCDFFHJ					
24	MR M2248	Inorganic Wastes		x	x	0	ABCDFFHJ					
25	MR M2248		5,200	x	x	4	ABCDFFHJ					
26	MR M2248		x	x	x	4	ABCDFFHJ					
27	MR M2248		x	x	x	2	ABCDFFHJ					
28	PN CF351-42		6,472	x	x	7	CDFH					
29	PN CF351-38		640	x	x	x	CDFH					
30	PN CF351-42		1,170	x	x	0	CDFH					

*Plant located in North Dakota

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE			MONTANA		YEAR		1957		PAGE 4 of 7	
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	AVERAGE DAILY FLOW AND	TREATMENT FACILITIES				LINE No.		
		ESTIMATED POPULATION				DIS. GROUP	See'd by P.E. (1957)	Treatment	Discharge to			
		NUMBER OF PLANT EMPLOYEES									WASTE CLAIM	
1		2	3	4	5	6	7	8				
HARDIN		2,308	1,800	S	x	x	Cs	Big Horn River	1			
HARDIN	Holly Sugar Co. Refinery	2008	-	20	x	-	None *	Big Horn River	2			
HARLEM		1,107	1,100	S	x	2.0	ScAmDpBo	Thirty Mile Creek to Milk River	3			
HARLOWTON		1,733	1,700	S	x	x	CiBo	Musselshell River	4			
HARLOWTON	C.W.ST.P. & PaS. R.R. Maint. Shop	x	-	39	x	x	L	Musselshell River	5			
HAVRE		8,084	10,050	S	1.0	14.4	GmShScCmEgDcht (Dft)Bo	Milk River	6			
HAVRE	Great Northern R. R. Shop	x	-	39	x	-	Lp (two)	Milk River	7			
HELENA		17,581	17,000	S	x	-	None	Prickly Pear Cr. & Ten Mile Creek	8			
HELENA	State Girls School	85-5	85	S	x	x	Cs	Prickly Pear Creek	9			
HINSDALE		400-1	700	S	x	x	Cs	Milk River	10			
BINCHAM		214	240	S	x	0.3	Lo*	x	11			
HOT SPRINGS *		733	2,650	S	x	1.5	ShScCmAmCmDpBo	Hot Springs Creek	12			
HOT SPRINGS	Hot Springs Resort	2,000-0	(2,000)	S	-	-	See Hot Springs	Hot Springs Creek	13			
HUNGRY HORSE	Government Village	1,335	240	S	x	0.55	CiIs	Sub-surface	14			
HYSHAM		410	275	S	x	x	Cs	Yellowstone River	15			
JOLIET		410	385	S	x	0.6	CiBo	Rock Creek	16			
JORDAN		700	650	S	x	0.44	Lo	Lagoon	17			
JUDITH GAP		175	210	S	x	x	CsFaBo	Roberts Creek	18			
KALISPELL		9,737	11,000	C	x	12.5	Sh(KmCm)DptBo	Ashley Creek	19			
KALISPELL	Kalispell Meat Company	-	-	20	x	-	None	Ashley Creek	20			
KEVIN	Oil Refinery	x	-	29	x	-	La	Land	21			
LAME DEER		50-1	50	S	x	x	(Primary)	Deer Creek	22			
LAUREL		3,663	4,000	S	x	4.0	ShScGh(KmCm)D Bo	Yellowstone River	23			
LAUREL	Farmers Union*	123	-	29	x	7	(Separator)	Yellowstone River	24			
LAUREL	Northern Pacific R.R. Maint. Shop	x	-	39	x	7	(Separators)	Yellowstone River	25			
LAVINA		195	120	S	x	x	CiBo	Musselshell River	26			
LEWISTOWN		6,573	6,500	S	x	10.0	ShScGh(KmCm)Dct (Dfr)Bo	Big Springs Creek	27			
LIBBY		2,401	2,400	S	x	-	None	Kootenai River	28			
LIBBY	J. Niels Lumber Co.	700	-	24	x	-	None	Libby Creek	29			
LIVINGSTON		7,685	6,700	S	x	-	None	Yellowstone River	30			

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE
										MONTANA	1957	4 of 7
LINE No.	FACILITY NAME	WATER-COURSE RELEASE	P.E. (BOB)		STREAM FLOW FOR DESIGN			POLLUTION ABATEMENT DESIRED	DOMESTIC WATER USE	FUEL-BURN	REMARKS	ADDITIONAL COMMENTS
			UNTREATED WASTE	DISCHARGED WASTE	MINIMUM FLOW CFS	Discharge (Gpm)	Pro-rata (Yours)					
9	10	11	12	13	14	15	16					17
1	MR	Y279-40.5	1,800	x	x	4	AbCDFH					
2	2	-	1,440	-	x	-	x					
2	MR	Y279-40	200,000	x	x	0	ACDFH				Lime cake impounded	
2	2	-	200,000	-	x	-	x					
3	MR	M1857.4-320-7	1,100	x	x	5	ACDFH					
1	1	-	250	-	x	-	-					
4	MR	M1994.7-280	1,739	x	x	4	CDFH					
1	1	-	1,450	-	x	-	-					
5	MR	M1994.7-280	x	x	x	2	CDFH					
1	1	-	x	-	x	-	-					
6	MR	M1857.4-401	10,050	x	x	5	ACDFH					
1	1	-	6,000	-	x	-	-					
7	MR	M1857.4-401	x	x	x	7	ACDFH				*30 day retention period	
1	1	-	x	-	x	-	-					
8	MR	M2372.5-7	17,700	x	x	0	cdfh					
1	1	-	17,700	-	x	-	x					
9	MR	M2372.5-6	85	x	x	7	CDFH					
1	1	-	75	-	x	-	-					
10	MR	M1857-121	700	x	x	4	CDFH					
1	1	-	529	-	x	-	x					
11	MR	x	240	x	x	7	x				*Lagoon, 3 acres, no effluent	
1	1	-	0	-	x	-	-					
12	PN	CF244-47-20-8	2,650	x	x	7	CFH					
2	2	-	265	-	x	-	-					
13	PN	-	-	-	-	-	-					
2	2	-	-	-	-	-	-					
14	PN	-	240	-	-	7	-					
2	2	-	-	-	-	-	-					
15	MR	Y260	275	x	x	1	ACDFH					
2	2	-	250	-	x	-	-					
16	MR	Y363.7-18-12	385	x	x	7	CDFH					
2	2	-	280	-	x	-	-					
17	MR	-	650	-	-	5	-					
2	2	-	-	-	-	-	-					
18	MR	*	210	x	x	5	x				*M1994.7-225-30-15-20	
1	1	-	190	-	-	-	-					
19	PN	CF244-114-12	12,082	x	x	1	cfH					
2	2	-	8,400	-	x	-	x					
20	PN	CF244-114-12	1,800	x	x	0	cfH					
2	2	-	1,800	-	x	-	x					
21	MR	-	x	-	-	7	-					
1	1	-	0	-	-	-	-					
22	MR	Y218-80-6	50	x	x	7	x					
2	2	-	45	-	x	-	x					
23	MR	Y367	4,000	x	x	1	ABCDFFH					
2	2	-	2,800	-	x	-	-					
24	MR	Y365	x	x	x	7	ABCDFFH				*Farmers Union Central Exchange Ref.	
2	2	-	x	-	x	-	-					
25	MR	Y364	x	x	x	2	ABCDFFH					
2	2	-	x	-	x	-	x					
26	MR	M1994.7-200	120	x	x	7	CDFH					
1	1	-	80	-	x	-	-					
27	MR	M2114-35-10	6,500	x	x	2	CDFH					
1	1	-	5,600	-	x	-	-					
28	PN	K202	2,415	x	x	0	BCDFH					
1	1	-	2,415	-	x	-	x					
29	PN	K202-1	Wood Wastes	x	x	x	BCDFH					
1	1	-	-	-	x	-	x					
30	MR	Y476.2	6,813	x	x	0	ACDFHB					
2	2	-	6,813	-	x	-	x					

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE			MONTANA		YEAR		1957		PAGE 5 of 7	
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		1950	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	IND. GROUP	WASTE CLASS.	AVERAGE DAILY FLOW MGD	TREATMENT FACILITIES				LINE No.
		ESTIMATED POPULATION						Dis'd for P.E. (1957)	Treatment	Discharge to		
											NUMBER OF PLANT EMPLOYEES	
1	2	3	4	5	6	7	8	9	10	11		
LIVINGSTON		-	160	S	x	x	x	CsIs	Yellowstone River	1		
LIVINGSTON	Northern Pacific	x	-	-	-	x	x	-	thru R.R. sewer	-		
LIVINGSTON	RR Maint. Shop	-	-	-	39	x	x	7 (Separator)	Yellowstone River	2		
LODGE GRASS		536	840	S	x	x	x	Lp	Little Big Horn	3		
LODGE GRASS		-	-	-	-	-	x	-	River	-		
MALTA		2,095	2,000	S	x	-	-	None	Milk River	4		
MALTA		-	-	-	-	-	-	-	-	-		
MANHATTAN		716	700	S	x	x	x	Cs	Gallatin River	5		
MANHATTAN		-	-	-	-	-	x	-	-	-		
MEADERVILLE- McLEEN		1,704	(1,700)	S	-	-	-	None (thru Butte sewers)	Clark Fork River	6		
MEADERVILLE- McLEEN		-	-	-	-	-	-	-	-	-		
MEDICINE LAKE		454	350	S	x	0.5	0.5	CsEg	Big Muddy Creek	7		
MEDICINE LAKE		-	-	-	-	-	x	-	-	-		
MILES CITY		9,243	7,200	S	x	-	-	None	Yellowstone River	8		
MILES CITY		-	-	-	-	-	-	-	-	-		
MILES CITY	C.M.St.P.& Pac.	x	-	39	x	-	-	None	Yellowstone River	9		
MILES CITY	R.R. Maint. Shop	-	-	-	-	-	x	-	-	-		
MISSOULA		22,485	15,000	S	x	-	-	None	Clark Fork of	10		
MISSOULA		-	-	-	-	-	-	-	Columbia River	-		
MISSOULA	American Crystal	x	-	20	x	-	-	11 (Steffens waste	Clark Fork River	11		
MISSOULA	Sugar Company	-	-	A	x	-	-	recovered)	-	-		
MISSOULA	John R. Daily	6	-	20	x	-	-	None	Clark Fork River	12		
MISSOULA	Slaughternouse	-	-	E	x	-	-	-	-	-		
MISSOULA	Missoula	3	-	20	x	-	-	Jnt facilities with	Sub-surface	13		
MISSOULA	Rendering Plant	-	-	P	-	-	-	Western Mt. Packers	-	-		
MISSOULA	State University	-	4,000	S	x	x	x	Cs	Clark Fork River	14		
MISSOULA		4,000-0	-	-	-	-	x	-	-	-		
MISSOULA	Western Meat	12	-	20	x	x	x	7 (Floation) -Is	Sub-surface	15		
MISSOULA	Packers	-	-	EF	x	x	-	-	-	-		
NASHUA		691	700	S	x	1.3	1.3	Cs	Milk River	16		
NASHUA		-	-	-	-	-	x	-	-	-		
OPHEIM		383	450	S	x	0.75	0.75	Lo	Lagoon	17		
OPHEIM		-	-	-	-	-	-	-	-	-		
PARADISE		-	500	S	x	-	-	None	Clark Fork River	18		
PARADISE		500-0	-	-	-	-	-	-	-	-		
PHILIPSBURG		1,048	1,300	C	x	-	-	None	Flint Creek	19		
PHILIPSBURG		-	-	-	-	-	-	-	-	-		
PHILIPSBURG	Taylor & Knapp Co	x	-	10	x	-	-	None	Flint Creek	20		
PHILIPSBURG		-	-	A	x	-	-	-	-	-		
PHILIPSBURG	Taylor & Knapp Co	x	-	10	x	-	-	Lp	Flint Creek	21		
PHILIPSBURG		-	-	A	x	x	x	-	-	-		
PHILIPSBURG	Trout Mining Co.	x	-	10	x	-	-	Lp	Gulch to Flint	22		
PHILIPSBURG		-	-	A	x	x	x	-	Creek	-		
PLAINS	Marjerrison	x	-	24	x	-	-	None	Clark Fork River	23		
PLAINS	Sawmill	-	-	-	x	-	-	-	-	-		
PLENTYWOOD		1,862	1,500	S	x	3.0	3.0	Lo(2 cell)	Lagoon	24		
PLENTYWOOD		-	-	-	-	0.3	-	-	-	-		
POLSON	(District #1,2,4,	2,280	2,700	S	x	-	-	None	Flathead River	25		
POLSON	5,8,9, and 14)	-	-	-	-	-	-	-	-	-		
POLSON	(District # 7)	-	290	S	x	0.6	0.6	CsEgc*	Flathead Lake	26		
POLSON		-	-	-	-	-	x	-	-	-		
POLSON	Polson Lumber	60	-	24	x	-	-	None	Flathead Lake	27		
POLSON	Mill	-	-	-	x	-	-	-	-	-		
POLSON	Polson Meat	x	-	20	x	x	x	Cs	Flathead Lake	28		
POLSON	Market -# 1	-	-	E	x	x	-	-	-	-		
POLSON	Polson Meat	-	-	20	x	x	x	Cs	Flathead Lake	29		
POLSON	Market - # 2	-	-	E	x	x	-	-	-	-		
POLSON	Polson	50	-	24	x	-	-	None	Tile Drain to	30		
POLSON	Plywood Co.	-	-	-	-	-	-	-	Flathead River	-		

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE
										MONTANA	1957	5 of 7
LINE No.	DRAIN-AGE BASIN	WATER-COURSE MILEAGE	P.E. (BOD)		STREAM FLOW FOR DESIGN		POLLUTION ABATEMENT NEEDS	DOMESTIC WATER USE	PRESENT FUTURE	REMARKS	ADDITIONAL COMMENTS	
			UNTREATED WASTE	DISCHARGED WASTE	MINIMUM FLOW CFS	Design (Days)						
						Frequency (Years)						
	9	10	11	12	13	14	15			16	17	
1	MR 2	Y475 -	x	x	x	6	ACDFH					
2	MR 2	Y475 -	x	x	x	4	ACDFH					
3	MR 2	Y279.4-10.5-77.3	840	x	x	1	BCDFH					
4	MR 1	M1857-216 -	2,000	x	x	0	CDFH					
5	MR 1	ML2464-9 -	750	x	x	4	CDFH					
6	PN 2	-	600	-	x	-	x					
7	MR 3	M1725.7-55 -	350	x	x	1	CDFH					
8	MR 2	Y180.8 -	7,236	2,487	30	0	ACDFH					
9	MR 2	Y180 -	x	2,487	30	0	ACDFH					
10	PN 2	CF356 -	15,905	x	x	0	cdFH					
11	PN 2	CF354 -	177,800	x	x	x	BCDFH					
12	PN 2	CF355 -	1,040	x	x	0	CDFH					
13	PN 2	-	1,040	-	x	-	x					
14	PN 2	CF356 -	4,000	x	x	7	BCDFH					
15	PN 2	-	600	-	-	x	-					
16	MR 1	M1857.4-20 -	700	x	x	5	CDFH					
17	MR 3	-	500	-	x	-	-					
18	PN 2	CF242 -	450	-	-	7	-					
19	PN 2	CF415-24 -	500	x	x	0	CDFH					
20	PN 2	CF415-30 -	500	-	x	-	x					
21	PN 2	CF415-30 -	Inorganic Wastes	x	x	x	CDFH					
22	PN 2	CF415-30-1 -	Inorganic wastes	x	x	x	CDFH					
23	PN 2	CF236 -	Waste	x	x	x	CDFH					
24	MR 3	-	Wood Waste	-	x	-	x					
25	PN 2	CF244-82 -	1,600	-	-	7	-					
26	PN 2	CF244-94-1 -	0	-	-	0	ABCDHF					
27	PN 2	CF244-94-1 -	2,727	x	x	1	ABCDHF					
28	PN 2	CF244-94-1 -	290	x	x	-	-					
29	PN 2	CF244-94-1 -	250	-	x	-	-					
30	PN 2	CF244-82 -	Inorganic Wastes	-	-	7	ABCDHF					
	PN 2	CF244-94-1 -	Inorganic wastes	-	-	-	x					
	PN 2	CF244-94-1 -	Wood Waste	-	-	7	CDFHJ					
	PN 2	CF244-94-1 -	300	-	-	-	x					
	PN 2	CF244-94-1 -	250	-	-	7	CDFHJ					
	PN 2	CF244-82 -	x	-	-	-	x					
	PN 2	CF244-82 -	x	x	x	0	ABCDHF					

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

				STATE		YEAR		PAGE 6 of 7	
				MONTANA		1957			
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		1950 POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	IND. GROUP	AVERAGE DAILY FLOW MGD	TREATMENT FACILITIES		LINE No.
		ESTIMATED POPULATION					Treatment	Discharge to	
		NUMBER OF PLANT EMPLOYEES							
1		2	3	4	5	6	7	8	
POPLAR		1,169	1,000	S	x	x	ClBo	Missouri River	1
QUIDLEY	Alps Mining & Milling Co.	x	-	-	10	x	Lp	Brewster Cr. trib of Rock Creek	2
RED LODGE		2,730	3,000	C	x	x	Lp(4 cells)	Rock Creek	3
RED LODGE	Red Lodge Cannery	x	-	20	x	x	(Minor)	Rock Creek	4
RONAN		1,251	900	S	x	x	Private septic tanks*	Spring Creek	5
RONAN	Consolidated Dairies	14	-	20	x	x	C Cs	Spring Creek	6
RONAN	Gold Medal Dairies	10	-	20	x	-	None	Spring Creek	7
ROUNDUP		2,854	2,800	S	x	x	CpHsBo	Musselshell River	8
RUDYARD		350	480	S	x	0.5	CaIsLp*Bo	Sub-surface or Lagoon	9
SACO		539	500	S	x	x	Ca	Beaver Creek	10
ST. IGNATIUS		781	700	S	x	0.8	Lo	Lagoon	11
SCOBAY		1,628	1,450	S	x	x	ClBo	Poplar River	12
SHELBY		3,058	3,000	S	x	-	None	Open Ditch to Marias River	13
SHELBY	Modern Oil Refinery	x	-	20	x	x	L 7(Separators)	Lagoon	14
SIDNEY		3,987	3,000	S	x	-	None	Yellowstone River	15
SIDNEY	Holly Sugar Co. Refinery	1835	-	20	x	-	None	Yellowstone River	16
SILVER BOW PARK-FLORAL PARK		5,124	(5,000)	S	x	-	None (thru Butte sewers)	Clark Fork River	17
STANFORD		543	500	S	x	0.5	CaFaBo	Skull Creek	18
STEVENSVILLE	Carnation Milk Co.	10	-	20	x	x	Ca *	Bitter Root River	19
STEVENSVILLE	A.G. Fraser Slaughterhouse	2	-	20	x	-	None	Bitter Root River	20
STEVENSVILLE	Red Lodge Canning Co.	500	-	20	x	x	S	Bitter Root River	21
SUNBURST		843	710	S	x	x	CaI Bo	Old lake bed	22
SUNBURST	Texaco Oil Refinery	x	-	20	x	x	(Complete)	Land	23
SUPERIOR		624	200	S	x	-	None	Clark Fork River	24
SUPERIOR	Diamond Match Co.	x	-	20	x	x	-	Tributary to Clark Fork River	25
SUPERIOR	Nancy Lee Mines Inc.	x	-	10	x	x	Lp	Clark Fork River	26
TERRY		1,191	500	x	x	x	Ca	Yellowstone River	27
THOMPSON FALLS		851	470	S	x	-	None	Clark Fork River	28
THREE FORKS		1,113	1,100	S	x	-	None	Jefferson River	29
TOWNSEND		1,316	1,300	S	x	1.2	C	Missouri River	30

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 6 of 7
										MONTANA	1957	
LINE No.	WASTE CODE	WASTE COURSE	WASTE NAME	P.E. (GPD)		STREAM FLOW		COLLECTION SYSTEM	WASTE TYPE	FUEL	REMARKS	ADDITIONAL COMMENTS
				UNTREATED WASTE	DISCHARGED WASTE	UNTREATED WASTE	DISCHARGED WASTE					
1	2	3	4	5	6	7	8	9	10	11	12	13
1	MR	M1775.3		1,000	x	x	5	ACDFH				
2	PN	CF388-8-4	Inorganic tailings	830	x	x	x	CDFH				
3	MR	Y363.7-18-55		3,000	x	x	7	CDFH				
4	MR	Y363.7-18-55		2,700	x	x	5	CDFH				
5	PN	CF244-45-10-4		900	x	x	0	CDFH			*Effluents discharge into municipal sewers.	
6	PN	CF244-45-10-3		800E	x	x	7	CDFH				
7	PN	CF244-45-10-4		370	x	x	0	CDFH				
8	MR	M1994.7-170		2,800	x	x	4	CDFH				
9	MR			2,500	x	x	-				*Used when disposal field is inoperative	
10	MR	M1857-136.4		480	-	-	7					
11	PN			0	-	-	-					
12	MR	M1775.8-95.1		500	x	x	4	CDFH				
13	MR	M2181-168		420	x	x	-					
14	MR			800	-	-	7					
15	MR	Y30.2		-	-	-	-					
16	MR	Y30		1,450	x	x	1	CDFH				
17	PN			1,000	-	x	-					
18	MR			3,000	x	x	0	CDH				
19	MR			3,000	-	x	-					
20	MR			x	-	-	7					
21	MR	Y30.2		-	-	-	-					
22	MR	Y30		3,036	2,394	30	0	CDFH				
23	MR			3,036	-	5	-					
24	MR			200,000	2,394	30	0	CDFH				
25	PN			200,000	-	5	-					
26	MR	M2114-10.5		-	-	-	-					
27	PN	CF351-23		500	x	x	2	L				
28	PN	CF351-23		250	-	x	-					
29	PN	CF351-23		130	x	x	x	CDFH			*Half of wastes only	
30	PN	CF351-23		120	-	x	-					
31	PN	CF351-23		450	x	x	0	CDFH				
32	PN	CF351-23		450	-	x	-					
33	PN	CF351-23		5,250	x	x	7	CDFH				
34	MR			x	-	x	-					
35	MR			710	-	-	7					
36	MR			640	-	-	-					
37	MR			x	-	-	7					
38	PN	CF280		x	-	-	-					
39	PN	CF280		200	x	x	0	CDFH				
40	PN	CF280		200E	-	x	-					
41	PN	CF295	Inorganic wastes	x	x	x	x	CDFH				
42	PN	CF295		x	-	x	-					
43	MR	Y134.5		500	x	x	4	ACDFH				
44	MR			450	-	x	-					
45	PN	CF205		470	x	x	0	BCDFHJ				
46	MR			470	-	x	-					
47	MR	M2441.1-3.4		1,100	x	x	0	CDFH				
48	MR			1,100	-	x	-					
49	MR	M2423		1,300	x	x	4	BCDFH				
50	MR			1,225	-	x	-					

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

				STATE	MONTANA		YEAR	1957		PAGE 7 of 7
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		1956	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	AVERAGE DAILY FLOW MGD	TREATMENT FACILITIES			LINE No.	
		ESTIMATED POPULATION				Discharge in	Treatment			
								Discharge in		Treatment
NUMBER OF PLANT EMPLOYEES	Discharge in	Treatment	Discharge in	Treatment						
1	2	3	4	5	6	7	8	9		
TRIDENT		-	160	S	x	-	None	Missouri River	1	
TWIN BRIDGES	State Orphans Home	160-8	-	-	-	-	-	-		
VALIER		350-8	-	S	x	-	None	Beaverhead River	2	
VAUGHN		710	640	S	x	0.611	CaI	Dry Creek; land	3	
VAUGHN		-	-	-	-	-	-	-		
WALKERVILLE		190-0	-	S	x	0.15	CaBo	Sun River	4	
WALKERVILLE		1,631	(1,600)	S	-	-	-	-		
WARM SPRINGS	State Hospital	-	-	-	-	-	None (Thru Butte Sewers)	Clark Fork River	5	
WHITEFISH		2,100-8	3,000	S	x	-	None	Warm Springs Creek	6	
WHITEFISH		3,268	4,000	S	x	x	CaBo	Whitefish River	7	
WHITEFISH	Great Northern R.R.-Co.Roundhouse	-	-	-	-	-	(3 plants)	-		
WHITEFISH		x	-	39	x	x	7 (Oil Separator)	Whitefish Creek	8	
WHITEHALL		-	-	-	x	x	-	-		
WHITEHALL		920	1,500	S	x	x	Ca	Whitetail Creek	9	
WHITE SULPHUR SPRINGS		-	-	-	-	-	-	-		
WHITE SULPHUR SPRINGS		1,023	1,000	S	x	-	None	Hayfields -summer	10	
WIBAUX		-	-	-	-	-	-	-		
WIBAUX		730	500	S	x	x	Ca	Smith R.-winter		
WIBAUX		-	-	-	-	-	-	Beaver Creek	11	
WINNETT		-	-	-	-	-	-	-		
WINNETT		407	400	S	x	x	Ca	McDonald Creek	12	
WOLF POINT		-	-	-	-	-	-	-		
WOLF POINT		2,557	2,300	S	x	x	CaBo	-		
WORDEN		-	-	-	-	-	-	-		
WORDEN		375-0	300	S	x	0.30	Lo*	x	14	
YAAK	Army Base	-	-	-	-	-	-	-		
YAAK		277-3	277	S	x	0.277	CaEcBo	Yaak River	15	
		-	-	-	-	.0194	-	-	16	
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INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	MONTANA	YEAR	1957	PAGE 7 OF 7
LINE No.	DRAIN- AGE BASIN	WATER- COURSE MILEAGE	P.E. (800)		STREAM FLOW FOR DESIGN				POLLUTION ABATEMENT NEEDS	DOWNSTREAM WATER USE	PREL- IMBUT	REMARKS	ADDITIONAL COMMENTS	
			UNTREATED WASTE	DISCHARGED WASTE	MAXIMUM FLOW CFS	Dur- ation (Days)	Pro- pensity (Years)							
9	10	11	12	13	14	15	16	17						
1	MR	M2463	160	x	x	0	CDFH							
2	1	-	160	-	x	-	-							
3	MR	M2464.4- 65-7	350	x	x	0	CDFH							
4	1	-	350	-	x	-	-							
5	MR	M2181- 132-51	640	0	-	4	x							
6	1	-	575	-	-	-	-							
7	MR	x	125	x	x	7	x							
8	-	-	858	-	x	-	x							
9	PN	-	-	-	-	-	-							
10	2	-	-	-	-	-	-							
11	PN	CF470-2	3,000	x	x	0	CDFH							
12	2	-	3,000	-	x	-	x							
13	PN	CF244-105 -2-14	4,043	x	x	4	CDFH							
14	2	-	3,6402	-	x	-	x							
15	PN	CF244-105- 2-14	Inorganic Dill Waste	x	x	4	CDFH							
16	2	-	-	-	x	-	x							
17	MR	M2464.4- 40-3	1,700	x	x	4	CDFH							
18	1	-	1,500	-	x	-	-							
19	MR	M2280.4 112.6	1,000	x	x	0	CDFH							
20	1	-	1,000	-	x	-	-							
21	MR	M1506.8- 137.5-62.5	500	0	30	4	CDH							
22	3	-	450	-	5	-	-							
23	MR	M1994.7 67-20-15	400	x	x	4	CDH							
24	1	-	375	-	x	-	-							
25	MR	M1802.1	2,400	x	x	4	BCDFH							
26	3	-	1,800	-	x	-	-							
27	MR	Y326	300	x	x	7	x							
28	2	-	0	-	x	-	x							
29	PN	K176-40	277	x	x	7	x							
30	1	-	180	-	x	-	x							
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INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

STATE	YEAR	PAGE
MONTANA	1957	7a of 7

MONTANA

Community or facility
providing sewer service

Communities and/or
facilities served

BUTTE

Centerville - Dublin Church
Meaderville - McQueen
Silver Bow Park - Floral Park
Walkerville

HOT SPRINGS

Hot Springs - Hot Springs Resort

UTAH

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE			UTAH		YEAR		PAGE 1 of 8			
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		1956	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	IND. GROUP	TREATMENT FACILITIES				LINE No.		
		ESTIMATED POPULATION				AVERAGE DAILY FLOW 1950	Sec'd for P.E. (1957)	Treatment	Discharge to			
											NUMBER OF PLANT EMPLOYEES	Average daily flow 1950
1	2	3	4	5	6	7	8					
AMERICAN FORK		5,126	8,500	S	.38	6.5	SoGhCmFtInEgDpBo	Utah Lake	1			
AMERICAN FORK	Arden's Dairy	7	-	-	20	0.25	-	-	2			
AMERICAN FORK	State Training School	700-2	700	S	I	0.148	None	Irrigation Canal to Utah Lake	3			
AMERICAN FORK	Utah Poultry	80-S	-	-	20	0.25	SoGIFtrCmEO.	Utah Lake	4			
AURORA	Nelson Ricks Creamery	x	-	-	20	x	-	Land	5			
BACCHUS		166-2	150	S	G	x	CsIs	Sevier River	6			
BEAR RIVER	Bear River High School	1,200-2	1,200	S	I	x	-	Sub-Surface Tile System	7			
BEAVER		1,685	500	S	-	x	-	Malad River	8			
BEAVER	Brooklawn Creamery	x	-	-	20	x	Cs	Beaver River	9			
BINGHAM CANYON		2,569	2,500	C	J	-	-	Small Stream to Beaver River	10			
BLANDING		1,178	400	S	-	-	None	Bingham Creek	11			
BLANDING	Parley-Reed	x	-	-	20	-	-	-	12			
BONANZA	American Gilsomite Company	50	-	11*	E	x	-	-	13			
BONANZA	American Gilsomite Co.	-	x	S	-	x	Cs	x	14			
BOUNTIFUL		6,004	6,000	S	-	-	-	-	15			
BRIGHTON CITY		6,790	3,600	S	1.18	6.0	SoCmD Bo	Great Salt Lake	16			
BRIGHTON CITY	Intermountain School	3,100	3,100	S	-	0.75	-	-	17			
BRIGHTON CITY	Baron Woolen Mills	x	-	-	22	x	GSccCmFt2hCm	Creek to Bear River.	18			
BRIGHTON CITY	Box Elder Packing Co.*	x	-	-	AGI	x	EdDcnrBo	x	19			
BRIGHTON CITY	Harper Meat Co.	x	-	-	20	x	So(CmDm)FtIhC Ecg	-	20			
CASCADE		715	400	S	-	-	-	Box Elder Creek	21			
CASCADE		701	1,000	S	-	x	-	-	22			
CASCADE	Utah Fuel Co.	x	-	-	11	x	Cs	Stream and Dry Wash	23			
CEDAR CITY		6,106	4,300	S	A	-	C	Price River	24			
CEDAR CITY	Cedar Breaks Nat'l Monument	x	-	-	20	x	SoCIE	Irrigation Ditch	25			
CEDAR CITY	Nelson Packing Company	x	-	-	F	x	2 cesspools	Sub-surface	26			
CLEAR CREEK		150-2	200	S	-	-	-	Cool Creek	27			
CLEAR CREEK	Utah Fuel Co.	x	-	-	11	x	Cs	Tributary to Price River	28			
CLEARFIELD		4,723	(4,900)	S	-	-	-	x	29			
CLEARFIELD	Smith's Canning Co.	x	-	-	20	x	None (thru N. Davis Co. Met. Sewers)	Great Salt Lake	30			

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 1 of 8
										UTAH	1957	
LINE No.	DRAINAGE BASIN	WATER-COURSE MILEAGE	P.E. (BOO)	STREAM FLOW FOR DESIGN		Pollution Abatement Needs (Boys)	DOWNSIDE WATER USE	PREL. ENT.	REMARKS	ADDITIONAL COMMENTS		
			UNTREATED WASTE	MAXIMUM FLOW CFS	Duration (Years)							
			DISCHARGED WASTE									
9	10	11	12	13	14	15	16	17				
1	GB	-	8,500E	-	-	7	CDfHj	-				
	7	-	1,500E	-	-	-	RCDfHj	-				
2	GB	-	400E	-	-	0	CDfHj	-				
	7	-	400E	-	-	-	BCDfHj	-				
3	GB	-	700E	-	-	2	CDfHj	-				
	7	-	x	-	-	-	BCDfHj	-				
4	GB	-	840E	-	-	7	-	-				
	7	-	x	-	-	-	-	-				
5	GB	x	450E	x	x	x	cd	-				
	9	-	450E	-	x	-	bCd	-				
6	GB	-	150E	-	-	7	-	-				
	7	-	x	-	-	-	-	-				
7	GB	x	600E	x	x	0	CDfH	Primary water uses only-				
	7	-	550E	-	x	-	CDfH	quality not indicated				
8	GB	x	500E	13	2	4	CDfH	Primary water uses only-				
	8	-	x	-	x	-	CDfH	quality not indicated				
9	GB	x	180E	x	x	0	cd					
	8	-	180E	-	x	-	cd					
10	GB	x	2,500E	x	x	0	cdhL					
	7	-	2,500E	-	x	-	cdhL					
11	CR	-	400E	0	-	7	cdN					
	7	-	30E	-	-	-	cd					
12	CR	-	x	-	-	x	-	Col.7 Cesspool				
	6	-	x	-	-	-	-					
13	CR	x	x ^o	x	x	x	x					
	7	-	x	-	x	-	x	*Sanitary sewage only.				
14	CR	x	x	x	x	x	x	*Mining, crushing and				
	7	-	x	-	x	-	x	shipping of Gilaonite.				
15	GB	-	6,000E	-	-	2.3	h					
	7	-	4,000E	-	-	-	h					
16	GB	x	3,000E	0	-	4	cd					
	7	-	530E	-	-	-	cd					
17	GB	x	2,700	x	x	7	x	*Indian School-U.S.Dept.				
	7	-	100	-	x	-	x	of Interior (Boarding Sch)				
18	GB	x	530	x	x	0	CDL					
	7	-	530	-	x	-	x					
19	GB	x	14,700E	x	x	x	cd	Seasonal Operations				
	7	-	14,700E	-	x	-	cd					
20	GB	x	110E	x	x	0	cd					
	7	-	110E	-	x	-	cd					
21	CR	x	400E	x	x	4.5	x					
	7	-	400E	-	x	-	x					
22	CR	x	1,000E	x	x	4.5	acdf					
	7	-	x	-	x	-	acdf					
23	CR	x	-	x	x	x	x					
	7	-	-	-	x	-	x					
24	GB	x	4,800E	-	x	2	cd					
	8	-	2,800E	-	x	-	-					
25	GB	-	x	-	-	x	-	*Summer use only.				
	5	-	-	-	-	-	-					
26	GB	x	330E	x	x	0	CD	Primary water uses only -				
	8	-	330E	-	x	-	CD	quality not indicated.				
27	CR	x	200E	x	x	4.5	edf					
	7	-	x	-	x	-	edf					
28	CR	x	-	x	x	x	x					
	7	-	-	-	x	-	x					
29	GB	-	-	-	-	-	-					
	7	-	-	-	-	-	-					
30	GB	-	8,000E	-	-	2	x					
	7	-	8,000E	-	-	-	x					

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

				STATE		YEAR		PAGE 2 of 8	
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		1950 POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	AVERAGE DAILY FLOW MGD	TREATMENT FACILITIES			LINE No.
		ESTIMATED POPULATION		IND. GROUP WASTE CLASS.		Discharge to	Treatment		
		NUMBER OF PLANT EMPLOYEES							
1	2	3	4	5	6	7	8		
CLEARFIELD	Woods Cross Canning Co.	x	-	20	x	-	None	Great Salt Lake	1
CLINTON		670	(700)	S	-	-	None thru W. Davis Co. Met. Sewers)	Great Salt Lake	2
COLUMBIA		500-2	500	S	.04	x	Cl	Small Wash to Price River	3
COPPERTON		770-2	800	S	x	-	None	Bingham Creek	4
CORINNE		427	500	S	x	-	None	Bear River	5
DELTA		1,703	1,100	S	0.24	2.0	G (CmDm)Bo	Sevier River	6
DEVIL'S SLIDE		-	200	S	x	x	Ca	Weber River	7
DEVIL'S SLIDE	Devil's Slide Por-tland Cement Co.	x	-	14	x	x	Cp	Weber River	8
DRACERTON		3,453	4,500	S	0.43	x	(CmDm)Fill:Bg	Irrigation Ditch to Price River	9
DRAPER	Draper Egg Products	25	-	20	0.023	x	CpCsCp	East Jordan Canal	10
DRAPER	Utah State Prison	600-6	600	x*	0.08	1.1	SoCp/AaCp/DopBo	Wash to Jordan River	11
DUCHESNE		804	900	S	0.1	x	Cl	Duchesne River	12
DUGWAY PROVING GR.		x	300	S	x	x	ClCaI	Land	13
ELEPHORE	Nelson Ricks Creamery	x	-	20	x	x	Ca	Sevier River	14
EURAKA		1,318	500	S	x	-	None	Dry Wash	15
FARMINGTON		1,468	1,100	S	x	x	[Cp][Cl]	St. Salt L. (W) Irrigation (S)	16
FERRON		478	400	S	x	-	None	Ferron Creek	17
FORT DUCHESNE		200-1	500	S	x	x	CaLo	Duchesne River, Field	18
FORT DUCHESNE	Utah and Ouray Indian Agency*	804-6	500	S	0.03	0.06	CpLo	Land	19
GARFIELD		2,079	800	S	x	x	Ca	Great Salt Lake	20
GARFIELD	American Smelting and Refining Co.	1,200	-	33	14	x	C	Ditch to Great Salt Lake	21
GARFIELD	Black Rock Beach	x	3,300S	S	x	x	Ca	Great Salt Lake	22
GARFIELD	Kennecott Copper Company	x	x	33	x	x	L	Great Salt Lake	23
GARFIELD	Saltair Beach	x	1,700	S	x	-	None	Great Salt Lake	24
GARFIELD	Sunset Beach	x	4,500S	S	x	-	None	Great Salt Lake	25
GARLAND		1,008	900	S	x	-	None	Malad River	26
GARLAND	Utah & Idaho Sugar Co.	300-9	-	20	4.05	x	SoL	Malad River	27
GENEVA	Geneva Steel Co.	4,900	-	33	30.02	x	CmO	Utah Lake	28
GREEN RIVER		583	375	S	x	-	None	Green River	29
GUNNISON	Gunnison Sugar Factory	x	-	20	x	-	None	San Pitch River	30

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 2 of 8
										UTAH	1957	
LINE No.	WATER-COURSE MILEAGE	P.E. (BOU)		STREAM FLOW FOR DESIGN		DUP-lication (Days)	POLLUTION ABATEMENT NEEDS	DOWNSIDE WATER USE	FUT-ure	REMARKS	ADDITIONAL COMMENTS	
		UNTREATED WASTE	DISCHARGED WASTE	MINIMUM FLOW CFS	Pro-posed (Yours)							
		9	10	11	12	13	14	15	16			17
1	GB	-	7,600E	-	-	0	x					
2	7	-	7,600E	-	-	-	x					
3	GB	-	-	-	-	-	-					
4	7	-	-	-	-	-	-					
5	CR	x	500E	x	x	5	ed					
6	7	-	x	-	x	-	ed					
7	GB	x	800E	x	x	0	ed					
8	7	-	800E	-	x	-	ed					
9	GB	x	500E	105	5	0	CDFH			Primary water uses only		
10	7	-	500E	-	x	-	CDFH			quality not indicated		
11	GB	x	1,100E	x	x	7	CDFH					
12	8	-	x	-	x	-	CDFH					
13	GB	x	200E	95	6	4	CDFH			Primary water uses only		
14	7	-	x	-	x	-	ACDPH			quality not indicated		
15	GB	x	-	x	x	7	CDFH			Primary water uses only		
16	7	-	-	-	x	-	ACDPH			quality not indicated		
17	CR	x	4,500	x	x	2	ed					
18	7	-	1,600	-	x	-	ed					
19	GB	-	1,250E	x	x	2	CD			Primary water uses only		
20	7	-	x	-	x	-	CD			quality not indicated		
21	CR	x	720	x	x	2	x			Sanitary and seasonal		
22	7	-	215	-	x	-	x			canning wastes.		
23	CR	x	900E	50	x	7	ed					
24	7	-	x	-	x	-	ed					
25	GB	-	500E	-	-	4	-					
26	7	-	210E	-	-	-	-					
27	GB	x	150E	x	x	2	CD			Primary water uses only		
28	8	-	150E	-	x	-	CD			quality not indicated		
29	GB	-	500E	-	-	0	-					
30	8	-	500E	-	-	-	-					
31	GB	-	1,100E	-	-	4	ed					
32	7	-	1,000E	-	-	-	ed					
33	CR	x	400E	x	x	0	ed					
34	7	-	400E	-	x	-	ed					
35	CR	-	500E	-	-	2	-					
36	7	-	x	-	-	-	-					
37	CR	-	500E	-	-	7	-			Bureau of Indian		
38	7	-	0	-	-	-	-			Affairs Installation.		
39	GB	-	800E	-	-	2	IJ			Primary water uses only		
40	7	-	560E	-	-	-	IJ			quality not indicated		
41	GB	x	x	x	x	x	IJ					
42	7	-	x	-	x	-	-					
43	GB	-	1,500E	-	-	4	IJ			Primary water uses only		
44	7	-	1,400E	-	-	-	IJ			quality not indicated		
45	GB	-	x	-	-	x	IJ			Primary water uses only		
46	7	-	x	-	-	-	IJ			quality not indicated		
47	GB	-	800E	-	-	0	IJ					
48	7	-	800E	-	-	-	IJ					
49	GB	-	2,000E	-	-	0	IJ			Primary water uses only		
50	7	-	2,000E	-	-	-	IJ			quality not indicated		
51	GB	x	900E	x	x	0	CDFH			Primary water uses only		
52	7	-	900E	-	x	-	CDFH			quality not indicated		
53	GB	x	200,000E	x	x	2	CDFH			Primary water uses only		
54	7	-	200,000E	-	x	-	CDFH			quality not indicated		
55	GB	-	x	-	-	x	CDFH			Primary water uses only		
56	7	-	49,000E	-	-	-	CDFH			quality not indicated		
57	CR	x	375E	x	x	0	CDFH			Primary water uses only		
58	7	-	375E	-	x	-	CDFH			quality not indicated		
59	GB	x	118,000E	1.0	x	0	CD			Primary water uses only		
60	8	-	118,000E	-	x	-	CD			quality not indicated.		

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE				YEAR		PAGE 3 of 8	
		UTAH				1957			
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		1950	ESTIMATED POPULATION SERVED	TYPE	AVERAGE DAILY FLOW MGD	TREATMENT FACILITIES			LINE No.
		POPULATION		SEWER		Disch'd for P.E. (1950's) Average daily flow MGD	Treatment	Discharge to	
		ESTIMATED		SYSTEM					
		POPULATION		IND. GROUP					
		THREE OF PLANT EMPLOYEES		WASTE CLASS.					
1		2	3	4	5	6	7	8	
GUNNISON	Gunnison Turkey Plant	x	-	20	x	-	*L	Land	1
		-	-	G	x	-	-	-	
HEBER		2,936	2,178	S	0.38	x	SnHocpFt2h EmCpDchrBo	Provo River (overflow)	2
HEBER	Utah By-Products	2	-	20	x	x	CaIp	x	3
		-	-	P	-	x	-	-	
HENEFER		346	187	S	0.07	x	Ci	Weber River	4
		-	-	-	-	x	-	-	
HIAWATHA		1,421	750	S	x	x	Cs	Miller Creek	5
		-	-	-	-	x	-	-	
HIAWATHA	U. S. Fuel Co.	x	-	11	x	x	C	Trib. to Price R.	6
		-	-	A	x	x	-	-	
HORSE CANYON		-	400	S	x	x	(CmDm)FtrBo	Price River	7
		x	-	-	-	x	-	-	
HUNTINGTON		1,029	600	S	x	x	Cs	San Rafael River	8
		-	-	-	-	x	-	-	
JENSEN	Dinosaur Nat'l Monument	-	x	S	x	x	CaIs*	Sub-surface	9
		x	-	-	-	x	-	-	
JENSEN	Utah Oil Refinery	x	-	29	x	x	Minor	Green River	10
		-	-	A	-	x	-	-	
KANAB		1,287	400	S	x	x	Cs	Kanab Creek	11
		-	-	-	-	x	-	-	
KAYSVILLE		1,898	1,500	S	x	x	Cs	Great Salt Lake	12
		-	-	-	-	x	-	-	
KAYSVILLE	Kaysville Cannery*	x	-	20	0.23	x	Io	Land	13
		-	-	3C	x	x	-	-	
KEARNS		-	15,000	S	0.48	x	GhScCmFtInCmEgDchrto	x	14
		x	-	-	-	x	Bo	-	
KENILWORTH		-	700	S	x	-	None	Small Wash to Price River	15
		879-2	-	-	-	-	-	-	
LARK		-	300	S	x	x	CaIs	Land	16
		517-2	-	-	-	x	-	-	
LATUDA		-	250	S	x	x	Cs	Price River	17
		x	-	-	-	x	-	-	
LAYTON		3,456	(3,750)	S	-	-	None (thru N. Davis Co. Met. Sewers)	Great Salt Lake	18
		-	-	-	-	-	-	-	
LAYTON	Layton Sugar Co.	x	-	20	x	-	None	Irrigation Ditch	19
		-	-	A	x	-	-	-	
LAYTONA		405	(405)	S	-	-	None (thru N. Davis Co. Met. Sewers)	Great Salt Lake	20
		-	-	-	-	-	-	-	
LEHI		3,627	x	S	x	x	GhScCmFtInEg CmDcnBo	Drainage ditch to Utah Lake.	21
		-	-	-	-	0.5	-	-	
LEHI	Lehi Roller Mills	x	-	20	x	-	None	Utah Lake	22
		-	-	R	x	-	-	-	
LEWISTON		1,533	500	S	x	-	None	Cub River	23
		-	-	-	-	-	-	-	
LEWISTON	Amalgamated Sugar Co.	290-S	-	20	17.03	-	None	Cub River	24
		-	-	A	x	-	-	-	
LEWISTON	Cache Valley Creamery Co.	x	-	20	x	-	None	Bear River	25
		-	-	I	x	-	-	-	
LOGAN		16,832	16,802	S	x	-	None	Logan River	26
		-	-	-	-	-	-	-	
MAGNA		3,502	3,000	S	x	4.5	Sh.CmDmEg	Great Salt Lake	27
		-	-	-	-	0.44	-	-	
MAGNA	Kennecott Copper Co.(Arthur Mill)	700	-	33	30.03	-	Cp	Great Salt Lake	28
		-	-	B	x	-	-	-	
MAGNA	Magna Mill	1,100	-	33	24.03	x	Cp	Great Salt Lake	29
		-	-	B	x	x	-	-	
MANTI	Nelson Ricks Creamery Company	-	-	20	0.004	x	Cs	Ditch to Sevier River	30
		-	-	I	-	x	-	-	

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 3 of 8
										UTAH	1957	
LINE No.	DRAINAGE BASIN	WATER-COURSE MILEAGE	P.E. (BOB)		STREAM FLOW FOR DESIGN		POLLUTION ABATEMENT NEEDS	DURATION (Days)	FUTURE	REMARKS	ADDITIONAL COMMENTS	
			UNTREATED WASTE	DISCHARGED WASTE	MINIMUM FLOW CFS	Frequency (Years)						
			9	10	11	12						13
1	GB	-	5,000E	-	-	4	-	-	-	*No Overflow		
2	GB	x	5,000E	-	-	-	-	-	-			
3	GB	-	2,178E	x	x	-	-	ASCOFHJ	-	Primary water uses only-quality not indicated.		
4	GB	-	270E	-	x	-	-	ASCOFHJ	-			
5	GB	x	200E	x	x	x	x	x	x			
6	GB	-	x	-	x	-	-	x	x			
7	GB	x	187E	x	x	4	CD	CD	-	Primary water uses only-quality not indicated.		
8	GB	-	130E	-	x	-	-	ACDFH	-			
9	CR	x	750E	x	x	4	x	x	x			
10	CR	-	x	-	x	-	-	x	x			
11	CR	x	x	x	x	x	x	x	x			
12	CR	-	x	-	x	-	-	x	x			
13	CR	x	400E	x	x	7	CD	CD	-	Primary water uses only-quality not indicated		
14	CR	-	x	-	x	-	-	CD	-			
15	CR	x	600E	x	x	20	x	x	x	Primary water uses only-quality not indicated		
16	CR	-	x	-	x	-	-	x	x			
17	CR	-	x	-	-	-	-	-	-	*Main use in summer: winter use by attendant.		
18	CR	x	x	x	x	2	x	x	-			
19	CR	-	600E	-	x	-	-	x	-			
20	CR	x	400E	x	x	4	CD	CD	-	Primary water uses only-quality not indicated		
21	GB	-	x	-	x	-	-	CD	-			
22	GB	-	1,500E	-	-	-	-	HJ	-	Primary water uses only-quality not indicated.		
23	GB	-	1,400E	-	-	-	-	HJ	-			
24	GB	-	13,000E	-	-	-	x	-	-	Seasonal Operation		
25	GB	-	13,000E	-	-	-	-	-	-			
26	GB	x	15,000E	x	x	7	x	x	x			
27	GB	x	3,500E	-	x	-	-	x	x			
28	CR	x	700E	x	x	0	ed	ed	-			
29	CR	-	700E	-	x	-	-	-	-			
30	GB	-	300E	-	-	-	4	-	-			
31	CR	x	250E	x	x	4	CD	CD	-	Primary water uses only-quality not indicated		
32	GB	-	x	-	x	-	-	-	-			
33	GB	-	-	-	-	-	-	-	-			
34	GB	-	-	-	-	-	-	-	-			
35	GB	-	200,000E	-	-	-	0	x	x			
36	GB	-	200,000E	-	-	-	-	x	x			
37	GB	-	-	-	-	-	-	-	-			
38	GB	-	-	-	-	-	-	-	-			
39	GB	-	x	x	x	7	x	x	x			
40	GB	-	x	-	x	-	-	x	x			
41	GB	-	220E	-	-	0	CD	CD	-	Primary water uses only-quality not indicated		
42	GB	-	220E	-	-	-	-	CD	-			
43	GB	x	500E	x	x	0	CD	CD	-	Primary water uses only-quality not indicated		
44	GB	-	500E	-	x	-	-	CD	-			
45	GB	x	208,000E	x	x	0	CD	CD	-	Primary water uses only-quality not indicated		
46	GB	-	208,000E	-	x	-	-	CD	-			
47	GB	x	2,400E	x	x	0	CD	CD	-	Primary water uses only-quality not indicated		
48	GB	-	2,400E	-	x	-	-	CD	-			
49	GB	x	22,000E	x	x	0	CD	CD	-	Primary water uses only-quality not indicated		
50	GB	-	22,000E	-	x	-	-	CD	-			
51	GB	-	3,000E	-	-	2	IJ	IJ	-	Primary water uses only-quality not indicated		
52	GB	-	2,400E	-	-	-	-	IJ	-			
53	GB	-	x	-	-	x	IJ	IJ	-	Primary water uses only-quality not indicated		
54	GB	-	x	-	-	-	IJ	IJ	-			
55	GB	-	x	-	-	x	IJ	IJ	-	Primary water uses only-quality not indicated		
56	GB	-	x	-	-	-	IJ	IJ	-			
57	GB	x	200E	x	x	x	D	D	-			
58	GB	-	x	-	x	-	x	x	-			

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE				YEAR		PAGE 4 of 8		
		UTAH				1957				
						TREATMENT FACILITIES				
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		1950 POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	IND. GROUP WASTE CLAIM.	AVERAGE DAILY FLOW MGD	Sec'd	Treatment	Discharge to	LINE No.
		ESTIMATED POPULATION		P.R. (1000's)			Average Daily Flow MGD			
		NUMBER OF PLANT EMPLOYEES								
		1	2	3	4	5	6	7	8	9
MIDVALE		3,995	3,300	S	-	0.78	12.0	GhScCmFt2hEg CmDfmrBo	Jordan River	1
MIDVALE	A.Bills & Co.	6	-	20	E	0.012	x	Cp	Jordan River	2
MIDVALE	U.S. Smelting, Re- fining & Mining	500	-	33	BD	10.02	x	Cp	Jordan River	3
MILFORD		1,673	1,800	S	x	x	x	Cs	Beaver River	4
MOAB		1,274	2,815	S	-	0.22	x	ShGhEgCpDcharBo	Mill Creek	5
MOAB	Arches Nat'l Monument	5,000-4	-	-	-	-	x	CsIs (2)°	Sub-surface	6
MOAB	Uranium Reduction Company	x	-	S	x	x	x	x	x	7
MONROE	Western Creamery Company	x	-	20	I	x	-	None	Savier River	8
MONTICELLO		1,172	1,100	S	-	0.07	x	ClBo	South Creek to Montezuma River	9
MONTICELLO	U.S. Atomic Energy Commission	x	-	x	x	x	x	x	x	10
MORGAN	California Packing Co.	50-S	-	20	C	x	x	SfIs	Land	11
MORGAN	Community Canning Company	20-S	-	20	C	x	x	L	Weber River	12
MORGAN	Community Canning Company	20-S	x	S	x	x	x	CsIp	Weber River	13
MORONI	Moroni Feed and Processing Plant	100	-	20	G	0.13	x	L	San Pitch River	14
MORONI	Moroni Feed and Processing Plant	100	x	S	x	x	x	Cs	San Pitch River	15
MT. PLEASANT	Brooklawn Creamery	x	x	20	I	x	-	None	San Pitch River	16
MURRAY		9,006	9,400	S	-	2.0	15.0	SmGmkmCm FtrExSmDfmrBo	Jordan River	17
MURRAY	Granite Meat & Livestock Co.	12	-	20	E	x	-	None	Big Cottonwood Creek	18
MURRAY	Hunt Feed Co.	150-S	-	20	C	x	x	S I	Swamp	19
MURRAY	Jordan Valley Reg Church Welfare	30-S	-	20	BC	x	x	S CsIs	Land	20
MURRAY	Murray Laundry	115	-	39	x	-	-	None	Big Cottonwood Creek	21
MYTON		435	100	x	x	x	x	Cs	Ditch to Duchesne River	22
NEPHI		2,990	1,000	S	-	0.14	3.6	(CmDm)FtlnC EgBo	Nephi Creek	23
NEPHI	Jusb Co. Mill and Elevator Company	5	-	20	R	0.005	-	None	Irrigation ditch	24
NORTH DAVIS COUNTY Sewer Districts		-	20,000	S	-	x	-	None	Great Salt Lake	25
NORTH OGDEN	North Ogden Canning Co.	100-S	-	x	x	0.12	x	Sf	Weber River	26
NORTH SALT LAKE	Cudahy Packing Company	x	-	20	EF	x	-	None	Great Salt Lake	27
NORTH SALT LAKE	Western States Refinery	30	-	29	A	0.30	x	L	Drainage ditch	28
NORTH SALT LAKE	Western States Refinery	30	x	S	x	x	x	Cs	Drainage ditch	29
OGDEN		57,112	56,910	S	-	30.05	-	None	Weber River	30

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 4 of 8
										UTAH	1957	
LINE No.	DRAIN BASIN	WATER-COURSE MILEAGE	P.E. (BOD)		STREAM FLOW FOR DESIGN		POLLUTION ABATEMENT NEEDS	DOWNSTREAM WATER USE	FUTURE	REMARKS	ADDITIONAL COMMENTS	
			UNTREATED WASTE	DISCHARGED WASTE	MINIMUM FLOW CFS	Duration (Days)						
												Frequency (Years)
9	10	11	12	13	14	15	16	17				
1	GB 7	x -	3,300E 500E	x -	x -	4 -	BCDFH BCDHFH			Primary water uses only quality not indicated		
2	GB 7	x -	600E x	x -	x -	x -	BCDFH BCDHFH			Primary water uses only quality not indicated		
3	GB 7	x -	x x	x -	x -	x -	BCDFH BCDHFH			Primary water uses only quality not indicated		
4	GB 8	x -	1,800E 1,800E	0 -	60 x	4 -	ed ed					
5	CR 3	x -	2,315 2,000E	5.8 -	3 x	7 -	CD CD					
6	CR 3	- -	x -	- -	- -	x -	- -			Main use in summer; winter use by attendant.		
7	CR 3	x -	x x	x -	x -	x -	x -					
8	GB 8	x -	300E 300E	x -	x -	0 -	CD CD			Primary water uses only quality not indicated		
9	CR 6	x -	715 550	x -	x -	2 -	x -					
10	CR 6	x -	x x	x -	x -	x -	x -					
11	GB 7	- -	1,000E 1,000E	- -	- -	2 -	- -					
12	GB 7	x -	x x	x -	x -	x -	D x					
13	GB 7	x -	x x	x -	x -	x -	D x					
14	GB 8	x -	5,000 x	x -	x -	x -	D x					
15	GB 8	x -	x x	x -	x -	x -	D x					
16	GB 8	x -	300E 300E	0 -	- -	0 -	CD CD			Primary water uses only quality not indicated		
17	GB 7	x -	9,400E 1,500E	x -	x -	7 -	CDFH CDFH			Primary water uses only quality not indicated		
18	GB 7	x -	1,600E 1,600E	x -	x -	0 -	CDFH CDFH			Primary water uses only quality not indicated		
19	GB 7	- -	14,000E x	- -	- -	x -	x -					
20	GB 7	- -	500E x	- -	- -	7 -	- -					
21	GB 7	x -	1,400E 1,400E	x -	x -	0 -	CDFH CDFH			Primary water uses only quality not indicated		
22	CR 7	x -	100E x	x -	x -	4 -	ed ed					
23	GB 7	x -	1,300 300	x -	x -	7 -	CDFH CDFH					
24	GB 7	x -	160E 160E	x -	x -	x -	D x					
25	GB 7	- -	34,000E 34,000E	- -	- -	0 -	x x					
26	GB 7	x -	8,700E 8,700E	x -	x -	2 -	CDH CDH			Primary water uses only quality not indicated		
27	GB 7	- -	15,000E 15,000E	- -	- -	0 -	hJ hJ					
28	GB 7	x -	x x	x -	x -	x -	D x					
29	GB 7	x -	x x	x -	x -	7 -	x x					
30	GB 7	x -	169,500E 169,500E	16 -	4 x	0 -	edh edh					

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE				YEAR		PAGE 5 of 8		
		UTAH				1957				
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		1950	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	AVERAGE DAILY FLOW MGD	TREATMENT FACILITIES			LINE No.	
		ESTIMATED POPULATION				TREATMENT	Discharge to			
		NUMBER OF PLANT EMPLOYEES						MGD. GROUP		Disch'd for P.E. (1000's) Average daily flow MGD
1	2	3	4	5	6	7	8			
OGDEN	California Packing Co.	500-S	-	20	0.803	x	So	Weber River	1	
		-	-	C	x	x	-	-		
OGDEN	Ogden Dressed Meat Co.	23	-	20	x	-	None	Weber River	2	
		-	-	F	x	-	-	-		
OGDEN	Ogden Union Stockyards	60	-	20	0.238	-	None	Weber River	3	
		-	-	E	x	-	-	-		
OGDEN	Parke & Sons Packing Co.	24	-	20	0.22	-	None	Weber River	4	
		-	-	E	x	-	-	-		
OGDEN	Quaker Oats Co.	30	-	20	x	-	None	Weber River	5	
		-	-	F	x	-	-	-		
OGDEN	Turkey Dressing Plant	50-S	-	20	0.035	-	None	Weber River	6	
		-	-	G	x	-	-	-		
OGDEN	Utah By-Products	12	-	20	0.025	x	OCm	Weber River	7	
		-	-	P	x	x	-	-		
OGDEN	Utah Canning Co.	125-S	-	20	0.255	x	S	Weber River	8	
		-	-	C	x	x	-	-		
ORANGEVILLE	G.O.Huntington	x	-	20	x	-	None	Irrigation Ditch	9	
		-	-	E	x	-	-	-		
OREM		8,351	2,600	S	x	1.0	Ca	Utah Lake	10	
		-	-	-	-	-	-	-		
OREM	Pleasant Grove Canning Co.	25	-	20	0.35	x	Sf	Utah Lake	11	
		-	-	SC	x	x	-	-		
PANQUITCH	Brooklawn Dairy	x	-	20	x	x	Ca	Dry wash to Sevier River	12	
		-	-	I	x	x	-	-		
PANQUITCH	Bryce Canyon National Park*	-	x	x	x	x	CoIs - winter ClL La - summer	-	13	
		x	-	-	-	-	-	-		
PANQUITCH	Bryce Canyon Nat'l Pa-Rainbow	-	x	S	x	x	CoIs	Sub-surface	14	
		x	-	-	-	-	-	-		
PARK CITY		2,254	3,000	S	0.345	-	None	Silver Creek	15	
		*3,000-2	-	-	-	-	-	-		
PARK CITY	Brooklawn Creamery	x	-	20	x	-	None	Silver Creek	16	
		-	-	x	x	-	-	-		
PAYSON		3,998	2,000	S	x	-	None	Utah Lake	17	
		-	-	-	-	-	-	-		
PERRY	Perry Canning Co.	150-S	-	20	0.35	-	None	Great Salt Lake	18	
		-	-	C	x	-	-	-		
PLEANT GROVE		3,195	x	S	0.36	4.0	SoGhCmFtInEgCnDohar	-	19	
		-	-	-	0.4	0.4	Ba	-		
PLEASANT GROVE	Pleasant Grove Canning Co.	24	-	20	0.253	-	None	Utah Lake	20	
		-	-	C	x	-	-	-		
PLEASANT GROVE	Timpanogoga Cays Nat'l Monument	-	x	S	x	x	CoIs (2) and a chemical toilet*	Sub-surface	21	
		x	-	-	-	-	-	-		
PRICE		6,010	7,000	S	x	-	None	Price River	22	
		-	-	-	-	-	-	-		
PRICE	Carbon-Emerg By- Products Company	x	-	20	x	-	None	Price River	23	
		-	-	P	-	-	-	-		
PROVO		28,937	32,000	S	7.5	35.5	CaGhFt2hEg cmToDoharBo	Utah Lake	24	
		-	-	-	-	15.4	-	-		
PROVO	Geneva Steel (Ironton Plant)	330	-	33	17.55	x	Cp	Utah Lake	25	
		-	-	A	x	x	-	-		
PROVO	John Kuhn & Sons	x	-	20	x	-	None	Utah Lake	26	
		-	-	E	x	-	-	-		
PROVO	Pacific States C.I. Pipe Co.	x	-	34	x	-	None	Utah Lake	27	
		-	-	A	x	-	-	-		
PROVO	Republic Cressato Plant	x	-	28	x	-	None	Utah Lake	28	
		-	-	A	x	-	-	-		
PROVO	Utah County Packing Co.	x	-	20	x	x	S	Utah Lake	29	
		-	-	-	x	x	-	-		
RICHFIELD		4,212	4,200	S	0.54	x	GnCoFt2hcm Ft2hEgCnLoharBo	Sevier River	30	
		-	-	-	-	x	-	-		

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 5 of 8
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LINE No.	WATER-COURSE MILEAGE	P.E. (GPD)		STREAM FLOW FOR DESIGN				POLLUTION ABATEMENT NEEDS	NONSTREAM WATER USE	FUTURE	REMARKS	ADDITIONAL COMMENTS
		UNTREATED WASTE	DISCHARGED WASTE	DESIGN FLOW CFS	DESIGN FLOW CFS	DESIGN FLOW CFS	DESIGN FLOW CFS					
	9	10	11	12	13	14	15	16	17			
1	GB	x	48,500E	x	x	2	edh					
7	-	-	48,500E	-	x	-	edh					
2	GB	x	4,000E	x	x	0	edh					
7	-	-	4,000E	-	x	-	edh					
3	GB	x	560E	x	x	0	cin					
7	-	-	560E	-	x	-	edh					
4	GB	x	3,030E	x	x	0	CDH				Primary water uses only-	
7	-	-	3,030E	-	x	-	CDH				quality not indicated	
5	GB	x	1,800E	x	x	0	edh					
7	-	-	1,800E	-	x	-	edh					
6	GB	x	1,390E	x	x	0	edh					
7	-	-	1,390E	-	x	-	edh					
7	GB	x	x	x	x	2	edh					
7	-	-	x	-	x	-	edh					
8	GB	x	16,000E	x	x	2	edh					
7	-	-	16,000E	-	x	-	edh					
9	CR	-	x	x	x	x	x					
7	-	-	x	-	x	-	x					
10	GB	-	2,600E	-	-	4	CDPH				Primary water uses only-	
7	-	-	2,400E	-	-	-	CDPH				quality not indicated	
11	GB	-	31,500E	-	-	x	CDPH				Primary water uses only-	
7	-	-	31,500E	-	-	-	CDPH				quality not indicated	
12	GB	x	1,660E	x	x	2	CDPH				Primary water uses only-	
R	-	-	1,660E	-	x	-	CDPH				quality not indicated	
13	CR	-	x	-	-	x	-				*Main Area.	
2	-	-	x	-	-	-	-					
14	CR	x	x	-	-	x	-				*Point. Summer use only.	
2	-	-	-	-	-	-	-					
15	GB	x	3,000E	x	x	0	ed				Mining community. Pop.	
7	-	-	3,000E	-	x	-	edf				varies with mine activity	
16	GB	x	150E	x	x	0	ed					
7	-	-	150E	-	x	-	edf					
17	GB	-	2,000E	-	-	0	CDPH				Primary water uses only-	
7	-	-	1,800E	-	-	-	CDPH				quality not indicated	
18	GB	-	4,000E	-	-	0	HJ				Primary water uses only-	
7	-	-	4,000E	-	-	-	HJ				quality not indicated	
19	GB	x	x	x	x	7	x					
7	-	-	x	-	x	-	x					
20	GB	-	8,000E	-	-	0	CDPH				Primary water uses only-	
7	-	-	8,000E	-	-	-	CDPH				quality not indicated	
21	CR	-	x	-	-	x	-				*Main use in summer:	
7	-	-	-	-	-	-	-				winter use by attendant.	
22	CR	x	7,000E	x	x	0	edfh					
7	-	-	7,000E	-	x	-	edfh					
23	CR	x	x	x	x	x	x					
7	-	-	x	-	x	-	x					
24	GB	-	38,000E	-	-	7	CDPH				Primary water uses only-	
7	-	-	8,000E	-	-	-	CDPH				quality not indicated	
25	GB	-	20,400E	-	-	2	CDPH				Primary water uses only-	
7	-	-	20,400E	-	-	-	CDPH				quality not indicated	
26	GB	-	600E	-	-	0	CDPH				Primary water uses only-	
7	-	-	600E	-	-	-	CDPH				quality not indicated	
27	GB	-	x	-	-	0	CDPH				Primary water uses only-	
7	-	-	x	-	-	-	CDPH				quality not indicated	
28	GB	-	x	-	-	0	CDPH				Primary water uses only-	
7	-	-	x	-	-	-	CDPH				quality not indicated	
29	GB	-	x	-	-	x	CDPH				Primary water uses only-	
7	-	-	500E	-	-	-	CDPH				quality not indicated	
30	GB	x	4,700E	x	x	7	CDH				Primary water uses only	
R	-	-	900E	-	x	-	CDH				quality not indicated.	

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE				YEAR		PAGE 6 of 8	
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COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTE OR INDUSTRY		1950 POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	AVERAGE DAILY FLOW (MGD)	TREATMENT FACILITIES			LINE No.
		ESTIMATED POPULATION		IND. GROUP WASTE CLASS.		Treatment	Discharge to		
								Dues'd for P.E. (1957)	
			Average daily flow 1950						
1	2	3	4	5	6	7	8		
RICHFIELD	American Food Products Co.	x	-	20	x	x	S	Sevier River	1
RICHMOND	Sege Milk Co.	-	-	C	x	x	-	-	
		60	-	20	x	-	None	Bear River	2
		-	-	J	x	-	-	-	
ROOSEVELT		1,628	1,000	S	x	x	C1	Dry Gulch Creek to Duchesne River	3
		-	-	-	-	x	-	-	
ROY		3,723	(2,850)	S	-	-	None (thru N. Davis Co. Met. Sewers)	Great Salt Lake	4
		-	-	-	-	-	-	-	
ST. GEORGE		4,562	3,000	x	x	x	Ca	Irrig. Ditch -S Virgin River - W	5
		-	-	-	-	x	-	-	
SAHARA VILLAGE		1,636	(1,636)	S	-	-	None (thru N. Davis Co. Met. Sewers)	Great Salt Lake	6
		-	-	-	-	-	-	-	
SALINA		1,789	1,000	S	x	x	Ca	Sevier River	7
		-	-	-	-	x	-	-	
SALT LAKE CITY		182,121	181,718	S	32.08	-	None	Great Salt Lake	8
		-	-	-	-	-	-	-	
SALT LAKE CITY	Standard Oil Co. California	20	-	29	0.04	-	None	Great Salt Lake	9
		-	-	A	x	-	-	-	
SALT LAKE CITY	Utah Oil Company	505	-	29	0.025	-	None	Great Salt Lake	10
		-	-	A	x	-	-	-	
SALT LAKE CITY	Utah Wool Pulling Company	10	-	31	x	-	None	Salt Lake Surplus Canal	11
		-	-	C	x	-	-	-	
SALT LAKE CITY	Vitro Uranium Co.	x	-	x	x	x	-	x	12
		-	-	x	-	x	-	-	
SALT LAKE CITY S.D. # 1		-	40,000	x	5.5	40	GmScCmFtrCmEgDfhtBo	Jordan River	13
		-	-	-	-	10	-	-	
SANDY CITY		2,095	1,500	S	x	x	C1	Jordan River	14
		-	-	-	-	x	-	-	
SMITHFIELD	California Packing Co.	400-S	-	20	1.05	x	Sf	Irrigation ditch	15
		-	-	C	x	x	-	-	
SOUTH OGDEN		3,763	3,000	S	x	x	Ca	Weber River	16
		-	-	-	-	x	-	-	
SOUTH OGDEN	South Ogden Produce Co.	x	-	x	x	x	S Kc L	Weber River	17
		-	-	x	x	x	-	-	
SOUTH SALT LAKE		7,704	10,000	S	-	x	*ShGhScSmFt2h EgCmDchrBo	Jordan River	18
		-	-	-	-	x	-	-	
SOUTH SALT LAKE	Joe Doctorman & Sons	20	-	20	0.105	-	None	Mill Creek	19
		-	-	E	x	-	-	-	
SOUTH SALT LAKE	Granite School District Cannery	x	-	20	x	-	None	Mill Creek	20
		-	-	C	-	-	-	-	
SOUTH SALT LAKE	Jordan Meat and Livestock Co.	7	-	20	x	-	None	Jordan River	21
		-	-	E	x	-	-	-	
SOUTH SALT LAKE	Archie MacFarland & Sons	x	-	20	x	-	None	Mill Creek	22
		-	-	F	x	-	-	-	
SOUTH SALT LAKE	Winder Dairy	6	-	20	0.015	x	CaIs	Land	23
		-	-	L	x	x	-	-	
SPANISH FORK		5,230	4,300	x	x	-	None	Dry Creek	24
		-	-	-	-	-	-	-	
SPANISH FORK	California Packing Co.	250-S	-	20	1.05	x	Sf	Spanish Fork River	25
		-	-	C	x	x	-	-	
SPANISH FORK	Illinois Powder Company	75	-	28	x	x	Is	x	26
		-	-	C	-	x	-	-	
SPANISH FORK	Illinois Powder Company	-	x	S	x	x	Ca	x	27
		-	-	-	-	x	-	-	
SPANISH FORK	Utah Hide & Tallow Co.	6	-	20	x	x	Le	Pond	28
		-	-	F	x	x	-	-	
SPRING CANYON		-	1,000	S	x	x	Ca	Price River	29
		691-2	-	-	-	-	-	-	
SPRINGVILLE		6,472	2,000	S	1.7	-	GmSmCmFtrEgCmDftrBo	Spring Creek to Utah Lake	30
		-	-	-	-	x	-	-	

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LINE No.	DRAINAGE BASIN	WATER-COURSE MILEAGE	P.E. (BOO)		STREAM FLOW FOR DESIGN		POLLUTION ABATEMENT NEEDS	DOWNSTREAM WATER USE	FUTURE	REMARKS	ADDITIONAL COMMENTS			
			UNTREATED WASTE	DISCHARGED WASTE	MINIMUM FLOW (CFS)	Duration (Days)								
												Frequency (Years)		
9	10	11	12	13	14	15	16					17		
1	GB 8	x	2,000E	x	x	2	CDH	Primary water uses only- quality not indicated						
2	GB 7	x	2,260E	x	x	0	CDFH	Primary water uses only- quality not indicated						
3	CR 7	x	1,000E	x	x	2	ed							
4	GB 7	-	-	-	-	-	-							
5	CR 2	-	3,000E	-	-	4	ed							
6	GB 7	-	-	-	-	-	-							
7	GB 8	x	1,000E	x	x	4	CDH	Primary water uses only- quality not indicated						
8	GB 7	-	289,000E	-	-	0	hj							
9	GB 7	-	289,000E	-	-	-	hl							
10	GB 7	-	x	-	-	x	hj							
11	GB 7	-	x	-	-	-	hl							
12	GB 7	x	x	x	x	x	x	D						
13	GB 7	-	x	-	x	-	-	x						
14	GB 7	x	1,500E	x	x	2	edfh							
15	GB 7	-	1,050E	-	x	-	edfh							
16	GB 7	-	35,200E	-	-	x	CD	Primary water uses only- quality not indicated						
17	GB 7	-	35,200E	-	-	-	CD							
18	GB 7	-	3,000E	-	-	4	edh							
19	GB 7	-	2,800E	-	x	-	edh							
20	GB 7	x	4,500E	x	x	7	edh							
21	GB 7	-	x	-	x	-	edh							
22	GB 7	-	10,600E	-	-	-	-							
23	GB 7	-	2,800E	-	-	-	-							
24	GB 7	x	x	x	x	0	CDFH	Primary water uses only- quality not indicated						
25	GB 7	-	x	-	x	-	CDFH							
26	GB 7	x	900E	x	x	0	CDFH	Primary water uses only- quality not indicated						
27	GB 7	-	900E	-	x	-	CDFH							
28	GB 7	x	580E	x	x	0	edfh							
29	GB 7	-	580E	-	x	-	edfh							
30	GB 7	x	7,700E	x	x	0	edh							
31	GB 7	-	7,700E	-	x	-	edh							
32	GB 7	-	300E	-	-	7	-							
33	GB 7	-	x	-	-	-	-							
34	GB 7	x	4,300E	x	x	0	CD	Primary water uses only- quality not indicated						
35	GB 7	-	4,300E	-	x	-	CD							
36	GB 7	x	51,000E	x	x	4	CDFH	Primary water uses only- quality not indicated						
37	GB 7	-	51,000E	-	x	-	CDFH							
38	GB 7	x	x	x	x	x	x	x						
39	GB 7	-	x	-	x	-	-	x						
40	GB 7	x	x	x	x	x	x	x						
41	GB 7	-	x	-	x	-	-	x						
42	GB 7	-	x	-	-	4	-	-						
43	CR 7	x	1,000E	x	x	4	CD	Primary water uses only- quality not indicated						
44	GB 7	-	x	-	x	-	CD							
45	GB 7	x	2,000E	x	x	7	CD	Primary water uses only- quality not indicated						
46	GB 7	-	500E	-	x	-	CD							

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COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY	1950 POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	WASTE CLASS.	AVERAGE DAILY FLOW MGD	TREATMENT FACILITIES		LINE No.	
	ESTIMATED POPULATION NUMBER OF PLANT EMPLOYEES					Should be P.E. (100%) Average daily flow MGD	Treatment		Discharge to
1	2	3	4	5	6	7	8		
SPRINGVILLE	Eddington Cannery	60-S	-	20	0.52	x	Sf	Dry Creek	1
STANDARDVILLE	-	-	-	C	x	x	-	-	2
SUNNYDALE	-	150-2	450	S	x	x	Cs	Price River	3
SUNNYSIDE	-	1,000-2	(1,000)	S	-	-	-	See Dragerton	4
SUNSET	-	1,881	993	S	0.11	x	SHA ClftrSpEgBv	x	5
SYRACUSE	-	993	(400)	S	-	-	-	-	6
SYRACUSE	-	837	(400)	S	-	-	-	None (thru N. Davis Co. Met. Sewers)	7
SYRACUSE	Kaysville Cannery Company	135-S	-	20	0.148	x	Sf	Great Salt Lake	8
TAYLORSVILLE	-	680-2	350	S	x	x	Cs	Irrigation ditch	9
TOD PARK	-	1,836	1,836	S	x	x	CfLs	Jordan River	10
TOOELE	-	7,269	9,000	S	0.8	11.0	SmnChFtrEgCmDfharBv	Land	11
TOOELE	Combined Metals Reduction Company	x	-	10	1.0	x	L	-	12
TOOELE	International Smelting Co.	x	-	33	x	x	x	No effluent	13
TOOELE	Tooele Ordnance Depot	3,100-2	3,100	S	x	x	[Cs][HCl]I	x	14
TOOELE	Western Chemical	900-2	900	S	x	x	CsI	Land	15
TORREY	Capitol Reef Nat'l Monument	x	-	S	x	x	Cesspool	-	16
TREMONTON	-	1,662	1,600	S	x	x	Cs	Subsurface	17
TROPIC	Shakespear Bros. Coal Mine	x	-	11	x	x	x	Malad River	18
VERNAL	-	2,845	2,500	S	x	x	Cs	x	19
VERNAL	Uintah Central Creamery	14	-	20	x	-	None	Ashley Creek	20
WASHINGTON TERRACE	-	5,841	(5,841)	S	-	-	-	Ashley Creek	21
WELLSVILLE	-	1,241	500	S	-	-	-	Weber River	22
WELLSVILLE	California Packing Co.	x	-	20	x	-	None (thru Ogden Sewers)	-	23
WELLSVILLE	E.A. Miller Packing Co.	x	-	20	x	-	None	Little Bear River	24
WELLSVILLE	L.L. Miller Packing Co.	x	-	20	x	x	CpO	Little Bear River	25
WELLSVILLE	Morning Milk Co.	24	-	20	0.025	x	Cp	Little Bear River	26
WELLSVILLE	Sego Milk Products Company	24	-	20	x	x	C	Little Bear River	27
WENDOVER	-	300-2	300	S	x	-	Le	Drainage ditch	28
WENDOVER	Bonneville Ltd.	62	-	28	0.7	x	L	Land	29
WENDOVER	Bonneville Ltd.	-	x	S	x	-	-	Salt Flat (land)	30
WEST JORDAN	Utah & Idaho Sugar Co.	200-2	-	20	4.05	x	S Cp	-	31

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LINE No.	WATER-COURSE RELEASE	P.E. (GPD)		STREAM FLOW FOR DESIGN		COLLECTION ABILITY	DOMESTIC WATER USE	FUEL-BURN	REMARKS	ADDITIONAL COMMENTS		
		UNTREATED WASTE	DISCHARGED WASTE	FLOOD PLAIN CAP	FLOOD PLAIN CAP (Days)							
9	10	11	12	13	14	15	16	17				
1	GB	x	14,000E	x	x	x	CD		Primary water uses only-			
7	-	-	14,000E	-	x	-	CD		quality not indicated			
2	CR	x	450E	x	x	4	CD		Primary water uses only-			
7	-	-	x	-	x	-	CD		quality not indicated			
3	CR	-	-	-	-	-	-					
7	-	-	-	-	-	-	-					
4	CR	x	990	x	x	7	x					
7	-	-	100	-	x	-	x					
5	GB	-	-	-	-	-	-					
7	-	-	-	-	-	-	-					
6	GB	-	-	-	-	-	-					
7	-	-	-	-	-	-	-					
7	GB	-	6,000E	x	-	4	CDH		Primary water uses only-			
7	-	-	6,000E	-	-	-	CDH		quality not indicated			
8	GB	x	350E	x	x	4	edHr					
7	-	-	330E	-	x	-	edHr					
9	GB	-	1,836E	-	-	x	-					
7	-	-	1,200E	-	-	-	-					
10	GB	-	9,000E	-	-	7	-					
7	-	-	1,200E	-	-	-	-					
11	GB	x	x	x	x	x	x					
7	-	-	x	-	x	-	x					
12	GB	x	x	x	x	x	x					
7	-	-	x	-	x	-	x					
13	GB	-	3,100E	-	-	x	-					
7	-	-	2,200E	-	-	-	-					
14	GB	-	900E	-	-	7	-					
7	-	-	625E	-	-	-	-					
15	CR	-	x	-	-	x	-		*Main use in summer:			
3	-	-	-	-	-	-	-		winter use by attendant.			
16	GB	x	18,000E	x	x	4	CDPH		Primary water uses only-			
7	-	-	17,850E	-	x	-	CDPH		quality not indicated			
17	CR	x	x	x	x	x	x					
2	-	-	x	-	x	-	x					
18	CR	x	2,500E	x	x	4	edHr		Plant under construction.			
7	-	-	x	-	x	-	edHr					
19	CR	x	300E	x	x	0	CDP		Primary water uses only-			
7	-	-	300E	-	x	-	CDP		quality not indicated			
20	GB	-	-	-	-	-	-					
7	-	-	-	-	-	-	-					
21	GB	x	500E	x	x	0	CDPH		Primary water uses only-			
7	-	-	500E	-	x	-	CDPH		quality not indicated			
22	GB	x	1,050E	x	x	0	CDPH		Primary water uses only-			
7	-	-	1,050E	-	x	-	CDPH		quality not indicated			
23	GB	x	800E	x	x	0	CDPH		Primary water uses only-			
7	-	-	800E	-	x	-	CDPH		quality not indicated			
24	GB	x	x	x	x	x	CDPH		Primary water uses only-			
7	-	-	340E	-	x	-	CDPH		quality not indicated			
25	GB	x	630E	x	x	4	CDPH		Primary water uses only-			
7	-	-	630E	-	x	-	CDPH		quality not indicated			
26	GB	x	630E	x	x	x	D					
7	-	-	x	-	x	-	x					
27	GB	-	300E	-	-	7	-					
7	-	-	300E	-	-	-	-					
28	GB	x	x	x	x	x	x					
7	-	-	x	-	x	-	x					
29	GB	-	x	-	-	x	-					
7	-	-	-	-	-	-	-					
30	GB	x	93,000E	x	x	4	CDPH		Primary water uses only-			
7	-	-	93,000E	-	x	-	CDPH		quality not indicated			

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		STATE				YEAR		PAGE 8 of 8			
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COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY	1950 POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	AVERAGE DAILY FLOW MGD	TREATMENT FACILITIES				LINE No.		
	ESTIMATED POPULATION				Treatment	Discharge to					
	NUMBER OF PLANT EMPLOYEES							IND. GROUP		WASTE CLASS.	Des'ed for P.E. (1000's) Average daily flow MGD
1	2	3	4	5	6	7	8				
WEST POINT	433	(433)	S	-	-	None (thru N.Davis Co. Met. Sewers)	Great Salt Lake	1			
WHITE ROCKS	-	-	-	-	-	-	-				
WHITE ROCKS	Unitah and Ouray Indian School	x	S	x	x	CsLo	x	2			
WOODS CROSS	Wasatch Oil Co.	500-6	-	-	-	x	-				
WOODS CROSS	Wasatch Oil Co.	67	-	29	x	x	7	Jordan River			
WOODS CROSS	Wasatch Oil Co.	67	-	A	x	x	-	-			
ZION NATIONAL PARK	Administration Building	-	x	S	x	x	Cesspool °	Sub-surface			
ZION NATIONAL PARK	Campground and Scenic Area	x	-	-	-	-	CsIs (2) °	Sub-surface			
ZION NATIONAL PARK	Lodge and Cabin Area	x	x	S	x	x	CsI°	Land			
ZION NATIONAL PARK	South Entrance Area	x	x	S	x	x	CsIs°	Sub-surface			
ZION NATIONAL PARK	South Entrance Area	x	-	-	-	x	-	-			
								8			
								9			
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INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 8 of 8
										UTAH	1957	
LINE No.	WATER-COURSE MILEAGE	P.E. (BOD)		STREAM FLOW FOR DESIGN		POLLUTION ABATEMENT HEREIN	MINUTE/RAIN WATER USE	FUTUR-ENT	REMARKS	ADDITIONAL COMMENTS		
		UNTREATED WASTE	DISCHARGED WASTE	UNSEWERED FLOW CFS	Retention (Days) Frequency (Years)							
	9	10	11	12	13	14	15		16	17		
1	GB 7	-	-	-	-	-	-					
2	CR 7	x	x	x	x	x	x	x	*Bureau of Indian Affairs installation.			
3	GB 7	x	x	x	x	2	edh	edh	Waste oil burned			
4	CR 2	-	x	-	-	x	-	-	*Summer use mainly.			
5	CR 2	-	x	-	-	x	-	-	*Summer use mainly.			
6	CR 2	-	x	-	-	x	-	-	*Summer use mainly.			
7	CR 2	-	x	-	-	x	-	-	*Summer use mainly.			
8												
9												
10												
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INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

STATE	YEAR	PAGE
UTAH	1957	8a of 8

U T A H

Community or facility providing sewer service

DRAKENTON

NORTH DAVIS COUNTY SEWER DISTRICT

OGDEN

Communities and/or facilities served

Bunnydale

Clearfield
Clinton
Layton
Laytona
Roy
Sahara Village
Sunset
Syracuse
West Point

Washington Terrace

WYOMING

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

		STATE				YEAR	PAGE 1 of 5		
		WYOMING				1957			
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY	1950 POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	IND. GROUP CLASS	TREATMENT FACILITIES			LINE No.	
	ESTIMATED POPULATION				DAILY FLOW (MGD)	Treatment	Discharge to		
	NUMBER OF PLANT EMPLOYEES								
1	2	3	4	5	6	7	8		
AFTON		1,319	1,413	S	x	1.6 0.1	CiLe	Lagoon	1
AFTON	Airplane Plant	40	-	-	39	x	-	x	2
AFTON	Star Valley Creamery	156E	-	20	.0608	x	x	Salt River	3
ALBIN		208	175	S	x	0.5 0.05	CiLe	Lagoon	4
BADGER BASIN	Resolute Oil Refinery	x	-	29	x	x	(Complete)	Clarks Fork River	5
BAGGS		206	0	No System	-	-	Private Disposal Facilities	-	6
BAGEN		1,220	1,500	S	x	-	None*	Big Horn River	7
BIG PINEY		204	101	S	x	-	None	North Piney Creek	8
BUFFALO		2,674	3,000	S	x	-	Le*	Lagoon to Clear Creek	9
BUFFALO		-	350	S	x	-	None	Clear Creek	10
BUFFALO	State Old Soldiers Home	60-1	60	S	0048	0.075 .0075	CiFt(C E)	Clear Creek	11
BURNS		216	-	No System	-	-	Private Disposal Facilities.	-	12
BYRON		350	200	S	x	-	None	Shoshone River	13
CASPER		23,673	25,000	S	x	-	None*	North Platte River	14
CASPER	Casper Air Base	-	50	x	x	-	Le	Lagoon	15
CASPER	Rocky Mountain Packing Company	x	-	20	x	-	None	Marsh*	16
CASPER	Socony-Mobile Oil Refinery	x	-	29	0.38	CP	7 (Separator) Le	Lagoon	17
CASPER	Standard Oil Refinery	x	-	29	10.08	CP	Separators	North Platte River	18
CASPER	Texas Oil Refinery	x	-	29	2.28	x	7 (Separators) Le*	North Platte R. and Lagoon	19
CHEYENNE		31,935	39,000	S	5.0	50.0	CgmGmCmFtrC DermBo	Crow Creek	20
CHEYENNE	North-East (Sanitary) Improv. Dist	1,000-6	-	No System	-	-	Private Disposal Facilities	-	21
CHEYENNE	Colorado and Southern RR Shop	x	-	34	x	-	L	Crow Creek	22
CHEYENNE	Frontier Refining Company	250	-	29	0.1	-	7 (Separators) L	Crow Creek	23
CHEYENNE	S. & S. Packing Co.	x	-	20	x	-	None	Crow Creek	24
CHEYENNE	Union Pacific Co. Railroad Shops	x	-	34	1.5	x	ShC GmO K O Xp	Crow Creek	25
CLEARWONT		225	-	No System	-	-	Private Disposal Facilities	-	26
CODY		3,872	3,800	S	x	-	None*	Shoshone River	27
CODY	Husky Oil Co. Refinery	123	-	29	0.216	CP	7 (Separator) L*	Shoshone River	28
CODY	Wyoming-Gulf Sulfur Company	13	13	28	x	-	Ca* L	Lagoon	29
COKEVILLE		440	-	No System	-	-	Private Disposal Facilities	-	30

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 1 of 5
										WYOMING	1957	
LINE No.	DRAINAGE BASIN	WATER-COURSE MILEAGE	P.E. (800)		STREAM FLOW FOR DESIGN		DURATION (Days)	POLLUTION ABATEMENT NEEDS	DOMESTIC WATER USE	FUTURE	REMARKS	ADDITIONAL COMMENTS
			UNTREATED WASTE	DISCHARGED WASTE	Minimum CFS	Pro-quantity (Yards)						
			9	10	11	12	13	14	15	16	17	18
1	PH 6	x	1,413E	-	-	-	7	-	-	-		
2	PH 6	S917-40-4	x	x	x	x	ABCDFFH	-	-	-		
3	PH 6	S917-40-4	2,400E	x	x	x	ABCDFFH	-	-	-		
4	NR 10	-	173	-	-	-	7	-	-	-		
5	NR 2	Y363.7-	x	x	x	7	x	-	-	-		
6	CR 3	-	-	-	-	0	-	-	-	-		
7	NR 2	Y279.4-194	1,500	x	x	0	BcdH	-	-	-	*Treatment plant under design.	
8	CR 7	x	103	x	x	0	ABCDFFH	-	-	-		
9	NR 5	Y146.6-110-80	3,000	x	x	7	CDFFH	-	-	-	*Additional capacity may be necessary.	
10	NR 2	x	350	x	x	0	cdffH	-	-	-		
11	NR 2	Y146.6-110-80	60	x	x	7	cdffH	-	-	-		
12	NR 10	-	15	-	-	-	-	-	-	-		
13	NR 2	Y279-136-18.5	200	x	x	0	ABCDFFH	-	-	-		
14	NR 5	NP396	25,000	60	30	0	BcdH	-	-	-	*Intermediate treatment. Plant under design.	
15	NR 9	-	50	-	-	-	7	-	-	-		
16	NR 9	NP390	x**	60	30	0	BCDH	-	-	-	*Plant wastes may reach North Platte River during heavy rains. **Expanded plant may slaughter 300 beef animals per day.	
17	NR 9	-	x	-	-	-	7	-	-	-		
18	NR 5	NP396	x	60	30	2	BCDH	-	-	-		
19	NR 9	NP390	x	60	30	7**	BCDH	-	-	-	*Toxic wastes dischd to complete retention lagoon	*Addnl fac. may be necessary depending on future phenolic wastes.
20	NR 10	SP227-76	39,000	x	x	7	BCDHL	-	-	-		
21	NR 10	-	6,000	-	-	-	-	-	-	-		
22	NR 10	SP227-77	x	x	x	2	BCDHL	-	-	-		
23	NR 10	SP227-76	x	x	x	7	BCDHL	-	-	-		
24	NR 10	SP227-76	320	x	x	0	BCDHL	-	-	-		
25	NR 10	SP227-76	x	x	x	7	BCDHL	-	-	-		
26	NR 2	-	-	-	-	0	-	-	-	-		
27	NR 2	Y279.4-136.2-80	3,800	198	30	0	ABCDFFH	-	-	-	*Treatment plant under design.	
28	NR 2	Y279-136	x	198	30	2	ABCDFFH	-	-	-	*Constructing additional lagoons.	
29	NR 2	-	x	-	-	7**	-	-	-	-	*Domestic sewage only.	*Tailings pond may require enlargement.
30	GB 7	-	-	-	-	0	-	-	-	-		

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

				STATE		YEAR			
				WYOMING		1957		PAGE 4 OF 5	
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY	1950 POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	W.D. GROUP	WASTE CLASS.	AVERAGE DAILY FLOW MGD	TREATMENT FACILITIES		LINE No.
	ESTIMATED POPULATION						Treatment	Discharge to	
	NUMBER OF PLANT EMPLOYEES								
1	2	3	4	5	6	7	8		
COWLEY		463	-	No	-	-	Private Disposal	-	1
COWLEY	Big Horn Canning Company	-	-	System	-	-	Facilities	-	2
COWLEY		2	-	20	0.58	x	Ca*	Sage Creek	3
DATTON		40-8	-	C	F	x	-	-	4
DATTON		316	-	No	-	-	Private Disposal	-	5
DATTON		-	-	System	-	-	Facilities	-	6
DEAVER		110	-	No	-	-	Private Disposal	-	7
DEAVER		-	-	System	-	-	Facilities	-	8
DIAMONDVILLE		415	-	No	-	-	Private Disposal	-	9
DIAMONDVILLE		-	-	System	-	-	Facilities	-	10
DIXON		124	-	No	-	-	Private Disposal	-	11
DIXON		-	-	System	-	-	Facilities	-	12
DOUGLAS		2,544	2,600	S	x	-	None*	North Platte River	13
EAST THERMOPOLIS		246	-	No	-	-	Private Disposal	-	14
EAST THERMOPOLIS		-	-	System	-	-	Facilities*	-	15
EDGERTON		203	-	No	-	-	Private Disposal	-	16
EDGERTON		-	-	System	-	-	Facilities	-	17
ELK BASIN	Stanolind Sulfur Plant	50	-	20	0.115	x	Ca* [Le]	Pond & Dry Gulch	18
ELK BASIN		-	-	A	B	-	-	7 [Separator]	-
ELK MOUNTAIN		199	-	No	-	-	Private Disposal	-	20
ELK MOUNTAIN		-	-	System	-	-	Facilities	-	21
ELMO		213	-	No	-	-	Private Disposal	-	22
ELMO		-	-	System	-	-	Facilities	-	23
ENCAMPMENT		288	90	S	x	-	None*	Encampment River	24
ENCAMPMENT		-	-	-	-	-	-	-	25
EVANSTON		3,863	3,800	S	x	4.0	S ChCoKsScDfrBn	Bear River	26
EVANSTON		-	-	-	-	1.5	-	-	27
EVANSVILLE		393	-	No	-	-	Private Disposal	-	28
EVANSVILLE		-	-	System	-	-	Facilities	-	29
FORT LARAMIE		300	-	No	-	-	Private Disposal	-	30
FORT LARAMIE		-	-	System	-	-	Facilities	-	31
FORT WASHAKIE		-	230	x	x	x	ClFe	Wind River	32
FORT WASHAKIE		250-1	-	-	-	-	-	-	33
FRANNIE		-	-	No	-	-	Private Disposal	-	34
FRANNIE		92-6	-	System	-	-	Facilities*	-	35
FRONTIER		-	-	No	-	-	Private Disposal	-	36
FRONTIER		800-6	-	System	-	-	Facilities	-	37
GILLETTE		2,191	2,200	S	x	3.0	ClI B	Donkey Creek	38
GILLETTE		-	-	-	-	0.4	-	-	39
GLENDO		815	300	S	x	x	S ClFtnC I	Dry Gulch	40
GLENDO		-	-	-	-	-	-	-	41
GLENROCK		1,110	1,230	S	x	-	None*	North Platte River	42
GLENROCK		-	-	-	-	-	-	-	43
GRANGER		122	100	S	x	x	Ca	Blacks Fork	44
GRANGER		-	-	-	-	-	-	-	45
GREEN RIVER		3,187	400	S	x	x	Ca*	Green River	46
GREEN RIVER		-	-	-	-	-	-	-	47
GREEN RIVER		-	2,600	S	x	-	None	Green River	48
GREEN RIVER		-	-	-	-	-	-	-	49
GREEN RIVER	Union Pacific Railroad Shops	x	-	34	0.5	x	CpO KaQaKaIp	Green River	50
GREEN RIVER		-	-	I	-	-	1.44	-	-
GREYBULL		2,262	1,900	S	x	-	None*	Graybull River	52
GREYBULL		-	-	-	-	-	-	-	53
GUERNSEY		721	700	S	x	-	None*	North Platte River	54
GUERNSEY		-	-	-	-	-	-	-	55
HANNA		1,336	300	S	x	x	Ca	Pond	56
HANNA		-	-	-	-	-	-	-	57
HARTVILLE		229	250	S	x	0.5	CaPaI Bn	Dry branch	58
HARTVILLE		-	-	-	-	0.025	-	-	59

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		STATE OF WYOMING						YEAR	PAGE		
		POPULATION		ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	WASTE CLASS.	AVERAGE DAILY FLOW	Flow by P.E. (1000's) Average Daily Flow 1950	TREATMENT FACILITIES		LINE No.
		ESTIMATED POPULATION SERVED BY PLANT EMPLOYEES	ESTIMATED POPULATION SERVED						Treatment	Discharge to	
COWLEY		455	-	No	-	-	-	Private Disposal	-	1	
COWLEY	Big Horn Canning Company	-	-	System	-	-	-	Facilities	-		
BAYTON		40-8	-	C	0.58	x	x	Cs*	Sage Creek	2	
BEAVER		316	-	No	-	-	-	Private Disposal	-	3	
BEAVER		118	-	System	-	-	-	Facilities	-		
DIAMONDVILLE		415	-	No	-	-	-	Private Disposal	-	4	
DIXON		124	-	System	-	-	-	Facilities	-		
DOUGLAS		2,540	2,500	No	-	-	-	Private Disposal	-	5	
DOUGLAS		-	-	System	-	-	-	Facilities	-		
EAST THERMOPOLIS		246	-	S	x	-	-	None*	North Platte River	6	
EAST THERMOPOLIS		-	-	"No	-	-	-	-	-	7	
EDGERTON		203	-	System	-	-	-	Private Disposal	-		
EDGERTON		-	-	No	-	-	-	Facilities"	-	8	
ELK BASIN	Stanolind Sulfur Plant	50	-	System	-	-	-	Private Disposal	-	9	
ELK BASIN		-	-	28	0.115	x	x	Facilities	-		
ELK MOUNTAIN		196	-	A	E	-	-	Cs* [Le]	Pond & Dry Gulch	10	
ELK MOUNTAIN		-	-	7 [Separator]	-	-	-	-	-		
ELMO		213	-	No	-	-	-	Private Disposal	-	11	
ELMO		-	-	System	-	-	-	Facilities	-		
ENCAMPMENT		286	90	System	-	-	-	Private Disposal	-	12	
ENCAMPMENT		-	-	No	-	-	-	Facilities	-		
EVANSTON		3,863	3,300	S	x	-	-	None*	Encampment River	13	
EVANSTON		-	-	-	-	-	-	-	-		
EVANSVILLE		393	-	-	-	-	-	S CaCaK-BoDfrBo	Bear River	14	
EVANSVILLE		-	-	No	-	-	-	1.5	-		
FORT LARABIE		300	-	System	-	-	-	Private Disposal	-	15	
FORT LARABIE		-	-	No	-	-	-	Facilities	-		
FORT WACHAMIE		-	-	System	-	-	-	Private Disposal	-	16	
FORT WACHAMIE		-	-	System	-	-	-	Facilities	-		
FRANNIE		850-1	250	x	x	x	x	CiPs	Wind River	17	
FRANNIE		-	-	-	-	-	-	-	-		
FRONTIER		92-6	-	"No	-	-	-	Private Disposal	-	18	
FRONTIER		-	-	System	-	-	-	Facilities"	-		
GILLETTE		800-6	-	No	-	-	-	Private Disposal	-	19	
GILLETTE		2,191	2,200	System	-	-	-	Facilities	-		
GLENDO		215	300	S	x	3.0	CII B	-	Donkey Creek	20	
GLENDO		-	-	-	-	0.4	-	-	-		
GLENROCK		1,110	1,250	S	x	x	x	S CIIInC X	Dry Gulch	21	
GLENROCK		-	-	-	-	-	-	-	-		
GRANDER		122	100	S	x	-	-	None*	North Platte River	22	
GRANDER		-	-	-	-	-	-	-	-		
GREEN RIVER		3,187	400	S	x	x	x	Cs	Blacks Fork	23	
GREEN RIVER		-	-	-	-	-	-	-	-		
GREEN RIVER		-	2,500	S	x	x	x	Cs*	Green River	24	
GREEN RIVER		-	-	-	-	-	-	-	-		
GREEN RIVER	Union Pacific Railroad Shops	x	-	34	0.1	x	-	None	Green River	25	
GREYBULL		2,262	1,900	I	-	-	-	CpO KaCaKaXp	Green River	26	
GUERNSEY		721	700	S	x	1.44	-	-	-		
GUERNSEY		-	-	-	-	-	-	None*	Graybull River	27	
HANNA		1,326	300	S	x	-	-	None*	North Platte River	28	
HANNA		-	-	-	-	-	-	-	-		
HARTVILLE		229	250	S	x	-	-	Cs	Pond	29	
HARTVILLE		-	-	-	-	-	-	-	-		
HARTVILLE		-	-	-	-	0.5	CaPaI Bo	-	Dry branch	30	
HARTVILLE		-	-	-	-	0.025	-	-	-		

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 2 of 5
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LINE No.	WATER-COURSE RELEASE	P.B. (GPD)		STREAM FLOW FOR DESIGN				DOMESTIC WATER USE	PREL. EST.	REMARKS	ADDITIONAL COMMENTS	
		UNTREATED WASTE	DISCHARGED WASTE	MINIMUM FLOW CFS	Duration (Days)	FILL/EMPTY PER DESIGN						
1	2	3	4	5	6	7	8	9	10	11	12	
1	NR 8	-	-	-	-	0	-	-				
2	NR 2	Y279-136-7-2	10,320* 1,740*	x	x	0	ABCDH	-	*Includes domestic sewage	broad field irrigation study to be completed 1957.		
3	NR 8	-	-	-	-	0	-	-				
4	NR 8	-	-	-	-	0	-	-				
5	CR 7	-	-	-	-	0	-	-				
6	CR 8	-	-	-	-	0	-	-				
7	NR 9	NP325	2,600 2,600	-	110 30	0 5	cdH	- x	*Treatment plant under design.			
8	NR 2	-	-	-	-	0	-	-				
9	NR 2	-	-	-	-	0	-	-	*Collection and treatment under design.			
10	NR 2	-	-	-	-	0	-	-	*Domestic sewage.			
11	NR 9	-	-	-	-	0	-	-				
12	NR 9	-	-	-	-	0	-	-				
13	NR 9	NP590.8-10	90 90	x	x	0	-	x	*Collection system and treatment facilities	being designed.		
14	GB 7	337	3,800 2,000	x	x	7	BCDFH	- x				
15	NR 9	-	-	-	-	0	-	-				
16	NR 9	-	-	-	-	0*	-	-	*City has preliminary engineering report	covering sewage collection facilities and sewage lagoon.		
17	NR 2	Y279.4-336	250 50	x	x	7	acDFH	- x				
18	NR 2	-	-	-	-	0	-	-	*Collection system and treatment being designed.			
19	CR 7	-	-	-	-	0	-	-				
20	NR 4	W1163.8-115.6-	2,200 2,200	x	x	4	C	- x				
21	NR 9	-	300 75	-	-	7	-	-	Complete treat. facilities in operation 1957.			
22	NR 9	NP366	1,250 1,250	x	x	0	edH	- x	Treatment plant under design.			
23	CR 7	x	x	x	x	2	-	x				
24	CR 7	x	400	x	x	0	BCDH	- x	*Treatment plant under design.			
25	CR 7	x	2,600 2,600	x	x	0	BCDH	- x				
26	CR 7	x	x	x	x	7	BCDH	-				
27	NR 2	Y279.4-182	1,900 1,900	-	2 30	0 5	BcdH	- x	*Treatment plant under design.			
28	NR 9	NP250	700 700	-	120 30	0 5	CDfHJ	- x	Treatment plant under design.			
29	NR 9	-	300 240	-	-	2	-	-				
30	NR 9	NP250-4	250 90	x	x	7	CDfHJ	- x				

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		STATE				YEAR		PAGE 3 of 5	
		WYOMING				1957			
COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		1000 POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	SEWER GROUP	WASTE CLASS.	TREATMENT FACILITIES		LINE No.
		ESTIMATED POPULATION		AVERAGE DAILY FLOW MGD			Discharge to		
		NUMBER OF PLANT EMPLOYEES					Treatment	Discharge to	
1	2	3	4	5	6	7	8	9	
HEART MOUNTAIN		-	200	x	x	x	CiBo	Shoshone River	1
		200-1	-	-	-	x	-	-	
HUDSON		293	200	S	x	-	None	Little Popo Agie River	2
		-	-	-	-	-	-	-	
HULETT		-	-	No System	-	-	Private Disposal Facilities	-	3
		150-6	-	-	-	-	-	-	
JACKSON		1,244	2,100	x	x	x	CmDhmBo	Flat Creek	4
		-	-	-	-	x	-	-	
KAYCEE		811	-	No System	-	-	Private Disposal Facilities	-	5
		-	-	-	-	-	-	-	
KEMMERER		1,667	1,600	S	x	-	None*	Han's Fork	6
		-	-	-	-	-	-	-	
KIRBY		99	-	No System	-	-	Private Disposal Facilities	-	7
		-	-	-	-	-	-	-	
LA GRANGE		221	-	No System	-	-	Private Disposal Facilities	-	8
		-	-	-	-	-	-	-	
LANDER		3,349	4,000	S	x	-	None*	Middle Popo Agie River	9
		-	-	-	-	-	-	-	
LANDER	Wyoming Training School	600-2	600	S	x	x	CiFtrC Bo*	Middle Popo Agie River	10
		-	-	-	-	x	-	-	
LARAMIE		15,581	14,000	S	x	3.0	CiLs Bo*	Laramie River	11
		-	-	-	-	1.5	-	-	
LARAMIE	Forest Products Treating Company	x	-	24	x	-	None	Laramie River	12
		-	-	-	-	-	-	-	
LARAMIE	Forest Products Treating Company	80	-	24*	x	x	7 [Separator] L	Sloughs and Laramie River	13
		-	-	-	-	-	-	-	
LINGLE		403	550	S	x	-	None*	Rawhide Creek	14
		-	-	-	-	-	-	-	
LOVELL		2,508	3,000	S	x	-	None*	Shoshone River	15
		-	-	-	-	-	-	-	
LOVELL	Great Western Sugar Refinery	39	-	20	5.4	-	None	Shoshone River	16
		200-8	-	A	F	-	-	-	
LUSK		2,089	1,000	S	x	2.5	SnCiFtnBo	Niobrara River	17
		-	-	-	-	0.250	-	-	
LYMAN		463	100	S	x	-	None	Dry gulch	18
		-	-	-	-	-	-	-	
MANDERSON		107	65	S	x	-	None	Big Horn River	19
		-	-	-	-	-	-	-	
MANDERSON	Mobile Producing Co.	25	25	29	x	x	Cs*Le	Lagoons	20
		-	-	C	-	x	-	-	
MANDERSON	Jefferson Lake Sulfur Company	16	16	28	x	x	Cs*[Le]	Lagoons	21
		-	-	A	-	x	-	-	
MANVILLE		154	150	S	x	-	None	Niobrara River	22
		-	-	-	-	-	-	-	
MEDICINE BOW		328	450	S	x	-	None*	Medicine Bow River	23
		-	-	-	-	-	-	-	
NEESTETSE		404	400	S	x	0.5	Cs	Graybull River	24
		-	-	-	-	0.3	-	-	
MIDWEST		806-1	700	S	x	x	Ci	Salt Creek	25
		-	-	-	-	x	-	-	
MILLS		889	120	x	x	x	x	North Platte River	26
		-	-	-	-	x	-	-	
MILLS	*Bureau of Reclamation	400-2	400	S	x	0.5	CiBo	North Platte River	27
		-	-	-	-	x	-	-	
MOORCROFT		517	300	S	x	0.5	Cs*	Belle Fourche River	28
		-	-	-	-	x	-	-	
MORAN		-	100	x	x	x	Ci	Snake River	29
		x	-	-	-	x	-	-	
NECASTLE		3,395	4,500	S	x	x	Le	Lagoon	30
		-	-	-	-	x	-	-	

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

													STATE	YEAR	PAGE 3 of 5
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LINE No.	DRAINAGE BASIN	WATER-COURSE NAME	F.E. (BOG)		STREAM FLOW FOR DESIGN		DURATION (Days)	FLOODING (Feet)	FLOODING (Feet)	FLOODING (Feet)	FLOODING (Feet)	FLOODING (Feet)	REMARKS	ADDITIONAL COMMENTS	
			UNTREATED WASTE	DISCHARGED WASTE	UNTREATED WASTE	DISCHARGED WASTE									
			9	10	11	12									13
1	MR	Y279.4-	200	198	30	7	ABCDFH								
2		134.2-	150		5		x								
2	MR	Y279.4-336	200	x	x	0	CDFHJ								
2		-82.3-0.5	200		x		x								
3	MR	-	-	-	-	0	-								
4	PN	S950-8	2,100	x	x	7	BCDFH								
6		-	1,250	-	x	-	BCDFH								
5	MR	-	-	-	-	0	-								
2		-	-	-	-	-	-								
6	CR	x	1,600E	x	x	0	BCDH						*Treatment plant under design.		
7		-	1,600E	-	x	-	x								
7	MR	-	-	-	-	0	-								
2		-	-	-	-	-	-								
8	MR	-	-	-	-	0	-								
9		-	-	-	-	-	-								
9	MR	Y279.4-336	4,000	x	x	0	CDFHJ						*Treatment plant under design.		
2		-29.6-1.5	4,000	-	x	-	x								
10	MR	Y279.4-336	600	x	x	7	CDFHJ						*Treatment plant under design.	to be completed 1957.	
2		-29.6-1.5	150E	-	x	-	-								
11	MR	NP232-135	14,000	-	4	30	4	CDFH					*Plt. inadequate-often no effective removal results		
9		-	14,000	-	5	-	x								
12	MR	NP232-137	x	-	4	30	0*	CDFH					*Require control measures for phenolic wastes.		
9		-	x	-	5	-	-								
13	MR	NP232-135	x	-	4	30	0	CDFH					*Chemical treating.		
9		-	x	-	5	-	-								
14	MR	NP217-3	550	-	9.3	30	0	CDFHJ					*Treatment facilities under design.		
9		-	550	-	5	-	x								
15	MR	Y279.4-	3,000	-	216	30	0	ABCDFH					*Treatment facilities under design.		
2		135.3-11.7	3,000	-	x	-	x								
16	MR	Y279-136-	169,000	x	x	0	ABCDHF								
2		12.5	169,000	-	x	-	-								
17	MR	N420	1,200	x	x	5	CD								
5		-	490	-	x	-	-								
18	CR	x	100E	x	x	0	C								
7		-	100E	-	x	-	-								
19	MR	Y279.4-206	65	x	x	0	ABCDHF								
2		-	65	-	x	-	-								
20	MR	-	x	-	-	7	-						*Domestic sewage only.		
2		-	0	-	-	-	-								
21	MR	-	x	-	-	7	-						*Domestic sewage only.		
2		-	0	-	-	-	-								
22	MR	N430	150	x	x	0	CD								
5		-	150	-	x	-	x								
23	MR	NP495-79	450	x	x	0	C						*Treatment facilities under design.		
9		-	450	-	x	-	x								
24	MR	Y279.4-183	400	-	51	30	1	CD							
2		-27.9	265	-	5	-	x								
25	MR	Y140.6-353	700	x	x	0	x								
2		-	500	-	x	-	x								
26	MR	NP399	120	x	x	7	BcdH						*Pri. Trt. Planned-Bonds voted 1952		
9		-	80	-	x	-	x								
27	MR	NP399	400	-	60	30	x	BcdH					*Housing Project.		
9		-	250E	-	5	-	x								
28	MR	W1163.9-	300	-	30	1	C						*Treatment plant under design.		
4		117.4-316	150	-	5	-	x								
29	PN	S1001	100	x	x	7	ABCDHF								
6		-	50	-	x	-	ABCDHF								
30	MR	-	4,500	-	-	7	-								
4		-	0	-	-	-	-								

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COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		1950 POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	WASTE CLASS.	TREATMENT FACILITIES		LINE No.	
		ESTIMATED POPULATION				Treatment	Discharge to		
		NUMBER OF PLANT EMPLOYEES							
1	2	3	4	5	6	7	8		
NEWCASTLE	Carter Oil Refinery	x	-	29	x	-	Skimming	Blacktail Creek	1
		-	-	A	x	-	-	-	
NEWCASTLE	Graco Oil Refinery	x	-	29	x	-	Skimming	Blacktail Creek	2
		-	-	A	x	-	-	-	
NEWCASTLE	Wyoming Gas & Oil Co.	x	-	29	x	-	Skimming	Blacktail Creek	3
		-	-	A	x	-	-	-	
ORCHARD VALLEY		1,821	1,800	S	x	x	CoLo	Lagoon	4
		-	-	-	-	x	-	-	
OSAGE		-	200	S	x	x	Le	Lagoon	5
		300-9	-	-	-	x	-	-	
OSAGE	Manewal & Bradley Oil Refinery	x	-	29	x	-	(Minor)	Beaver Creek	6
		-	-	A	x	-	-	-	
PAVILLION		241	275	S	x	x	Le	Lagoon	7
		-	-	-	-	x	-	-	
PINE BLUFFS		846	800	S	x	1.0	CIL IpDpSo	Lagoon	8
		-	-	-	-	x	-	-	
PINEDALE		770	400	S	x	0.5	C1*	Pine Creek	9
		-	-	-	-	0.13	-	-	
POWELL		3,804	1,200	S	x	-	None*	Bitter Creek	10
		-	-	-	-	-	-	-	
QUEALY		147	-	No System	-	-	Private Disposal Facilities	-	11
		-	-	-	-	-	-	-	
RANCHESTER		251	200	S	x	0.5	CoIp	Land	12
		-	-	-	-	x	-	-	
RAWLINS		7,415	6,000	S	x	x	Lo*	Sugar Creek	13
		-	-	-	-	-	-	-	
RIVERSIDE		50	-	No System	-	-	Private Disposal Facilities	-	14
		-	-	-	-	-	-	-	
RIVERTON		4,142	4,500	S	x	-	None*	Wind River	15
		-	-	-	-	-	-	-	
ROCK RIVER		424	380	S	x	-	None	Phieland Creek	16
		-	-	-	-	-	-	-	
ROCK SPRINGS		10,857	11,000	S	x	x	ScShCmFtrCmDcrmeSo	Bitter Creek (Dry)	17
		-	-	-	-	x	-	-	
SARATOGA		926	900	S	x	x	C1So	North Platte River	18
		-	-	-	-	x	-	-	
SHERIDAN		11,500	15,000	S	x	15.0	SmShKmCmEgDfrs	Big Goose Creek	19
		-	-	-	-	4.0	-	-	
SHERIDAN	V. A. Hospital	-	1,000	x	x	x	CmFtrC E So	Big Goose Creek	20
		1,000-1	-	-	-	x	-	-	
SHERIDAN	Wyoming State Home for Girls	-	75	x	x	x	C1FtnCpE Is	Little Goose Creek	21
		75-1	-	-	-	x	-	-	
SHOSHONI		891	900	S	x	x	Lp*	Poison Creek (Dry)	22
		-	-	-	-	x	-	-	
SOUTH SUPERIOR		780	-	No System	-	-	Private Disposal Facilities	-	23
		-	-	-	-	-	-	-	
SINCLAIR		775	850	x	x	x	C1So[C1SoLe]	Sugar Creek and Lagoon	24
		-	-	-	-	x	-	-	
SINCLAIR	Sinclair Oil Refinery	x	-	29	x	-	Le	Lagoon	25
		-	-	A	x	-	-	-	
SUNDANCE		893	900	S	x	x	Le	Lagoon	26
		-	-	-	-	x	-	-	
SUNDANCE	Crook Co. Oil Refinery	x	-	29	x	-	Skimming	Sundance Creek	27
		-	-	A	x	-	-	-	
SUNRISE		330-0	330	S	x	x	CoFc	Dry Creek	28
		-	-	-	-	x	-	-	
SUPERIOR		1,580	-	No System	-	-	Private Disposal Facilities	-	29
		-	-	-	-	-	-	-	
TENSLEEP		289	50	S	x	-	None	Nowood Creek	30
		-	-	-	-	-	-	-	

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										STATE	YEAR	PAGE
										WYOMING	1957	4 of 5
LINE No.	WATER-COURSE NAME	P.E. (GROSS)		STREAM FLOW FOR DESIG.				POLLUTION ABATEMENT DESIG.	SPRINGHEAD WATER USE	POST-POST	REMARKS	ADDITIONAL COMMENTS
		UNTREATED WASTE	DISCHARGED WASTE	G.P.D.	C.F.D.	G.P.D.	C.F.D.					
9	10	11	12	13	14	15	16	17	18	19	20	21
1	MR W1163.8-277.6-	x	x	x	1	CD						
4		x	-	x	-	x						
2	MR W1163.8-277.6-	x	x	x	1	CD						
4		x	-	x	-	x						
3	MR W1163.8-277.6-	x	x	x	1	CD						
4		x	-	x	-	x						
4	CR -	1,800	-	-	1	-						
10	MR -	-	-	-	-	-						
5	MR -	200	-	-	7	-						
4		0	-	-	-	-						
6	MR W1163.8-277.6-	x	x	x	2	CD						
4		x	-	x	-	x						
7	MR -	275	-	-	7	-						
2		0	-	-	-	-						
8	MR -	800	-	-	5*	-						
10	MR -	0	-	-	-	-						
9	CR x	400E	x	x	2	ABCD/FH						
7		x	-	x	-	x						
10	MR Y279.4-136.2	1,200	x	x	0	x						
2		1,200	-	x	-	x						
11	CR -	-	-	-	x	-						
7		-	-	-	-	-						
12	MR -	200	-	-	7	-						
2		50	-	-	-	-						
13	MR NP530-14	6,000	x	x	7	C						
9		6,000	-	x	-	x						
14	MR -	-	-	-	x	-						
9		-	-	-	-	-						
15	MR Y279.4-336	4,500	189	30	0	CD/FH						
2		4,500	-	5	-	x						
16	MR NP494.7-17-47-2	380	x	x	0	x						
9		380	-	x	-	x						
17	CR x	11,000	0	-	7	CDH						
7		700	-	-	-	-						
18	MR HF579	900	150	30	7*	CD/FHJ						
9		595	-	5	-	-						
19	MR Y181.5-211-11	15,000	-	30	1	CD/FH						
2		7,000	-	5	-	x						
20	MR Y181.5-211-11	1,000	-	30	7	CD/FH						
2		100	-	5	-	x						
21	MR Y181.5-211-11	75	-	30	7	CD/F						
2		18	-	5	-	-						
22	MR Y279.4-211-3	900	0	1*	-	-						
2		-	-	-	-	-						
23	CR -	-	-	-	0	-						
7		-	-	-	-	-						
24	MR NP530-8	850	x	x	7	C						
9		250	-	x	-	-						
25	MR -	x	-	-	7	-						
9		0	-	-	-	-						
26	MR -	900	-	-	7	-						
4		0	-	-	-	-						
27	MR -	x	x	x	1	C						
4		x	-	x	-	x						
28	MR NP250-4	330	x	x	5	CD/FHJ						
9		75	-	x	-	-						
29	CR -	-	-	-	0	-						
7		-	-	-	-	-						
30	MR Y279.4-211-26	50	x	x	0	ABCD/FH						
2		50	-	x	-	-						

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COMMUNITY, SEWER OR SANITARY DISTRICT INSTITUTION OR INDUSTRY		1950 POPULATION	ESTIMATED POPULATION SERVED	TYPE SEWER SYSTEM	WASTE CLASS	TREATMENT FACILITIES	LINE No.
		ESTIMATED POPULATION					
		NUMBER OF PLANT EMPLOYEES					
1		2	3	4	5	6	7
THAYNE		229	-	No System	-	Private Disposal Facilities	1
THAYNE	Cooperative Milk Plant	x	-	20 I	x	x	2
THAYNE	Star Valley Swiss Cheese Company	x	-	20 I	x	x	3
THERMOPOLIS		2,870	4,000	S	x	None*	4
THERMOPOLIS	Empire State Oil Company	x	-	29 A	0.46 CP	7 [Separator] L*	5
THERMOPOLIS	Hot Springs State Park	250-1	250	S	x	3 CmFtrCmDloglrm	6
THERMOPOLIS	Steward Creamery	x	x	20 H	x	None*	7
TORRINGTON		3,247	3,500	S	x	None*	8
TORRINGTON	Holly Sugar Refinery	50 270-S	-	20 A	15.8 P	S L	9
UPTON		951	600	S	x	1.0 Cs	10
VAN TASSEL		34	-	No System	-	Private Disposal Facilities	11
WAMSUTTER		103	-	No System	-	Private Disposal Facilities	12
WHEATLAND		2,286	2,500	S	x	1.5 CsLe	13
WORLAND		4,202	4,000	S	x	None*	14
WORLAND	Holly Sugar Company	40 225-S	-	20 A	6.5 P	Is	15
WORLAND	Pure Oil Refinery	36	-	29 A	16.5 C	[Cs]*[Separator] /	16
WORLAND	Texas -Gulf Sulfur Company	50	50	28 A	16.5 C	Cs *[Le]**	17
WORLAND	Wyoming Inst. for Boys	200-1	200	x	x	C1FrtC E	18
WORLAND	Triangle Packing Company	17	-	20 EP	0.005 x	Cs	19
YELLOWSTONE PARK	Canyon	1,550-1	1,550	x	x	(primary)	20
YELLOWSTONE PARK	Lake	1,000-1	1,000	x	x	(primary)	21
YELLOWSTONE PARK	Mammoth	1,100-1	1,100	x	x	(secondary)	22
TODER		128	-	No System	-	Private Disposal Facilities	23
							24
							25
							26
							27
							28
							29
							30

INVENTORY OF MUNICIPAL AND INDUSTRIAL WASTE FACILITIES

										STATE	YEAR	PAGE 5 of 5
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LINE No.	WATER-COURSE RELEASE	P.E. (BOB)		STREAM FLOW FOR DESIGN		COLLECTOR ABANDONMENT NEEDS	DOMESTIC WATER USE	FRESH- WATER	REMARKS	ADDITIONAL COMMENTS		
		UNTREATED WASTE	DISCHARGED WASTE	MINIMUM FLOW CFS	Duration (Days)							
					Frequency (Years)							
9	10	11	12	13	14	15	16	17				
1	PN	-	-	-	0	-						
6	-	-	-	-	-	-						
2	PN	S917-24	x	x	x	BCDFH						
6	-	-	x	-	x	BCDFH						
3	PN	S917	x	x	x	0	NCDFH					
6	-	-	x	-	x	-	-					
4	MR	Y279.4-270.4	4,000	x	x	0	aBcDH		*Treatment works under design.			
2	-	-	4,000	-	x	-	x					
5	MR	Y279-270	x	x	x	2	ABCDH		*Treatment works under design.			
2	-	-	x	-	x	-	-					
6	MR	Y279.4-270	270	x	x	7	ABCDH					
2	-	-	25	-	x	-	-					
7	MR	Y279.4-270	100	x	x	0	ABCDH		*If city constructs treatment facilities, most economical to discharge wastes to the city system.			
2	-	-	100	-	x	-	-					
8	MR	NP209	3,500	330	30	0	CDFH		*Treatment works under design.			
9	-	-	3,500	-	5	-	x					
9	MR	NP206	720,000	50	30	2	CDFH					
9	-	-	370,000	-	5	-	-					
10	MR	W1163.8-277.6-	600	x	x	1	CD					
4	-	-	600	-	x	-	x					
11	MR	-	-	-	-	0	-					
4	-	-	-	-	-	-	-					
12	CR	-	-	-	-	0	-					
7	-	-	-	-	-	-	-					
13	MR	-	2,500	-	-	7	-					
9	-	-	0	-	-	-	-					
14	MR	Y279.4-231	4,000	x	x	0	aBCDH		*Treatment works under design.			
2	-	-	4,000	-	x	-	x					
15	MR	Y279-831	235,000	x	x	2	ABCDH					
2	-	-	85,500	-	x	-	-					
16	MR	Y279-225	x	x	x	2	ABCDH		*Domestic sewage only.			
2	-	-	x	-	x	-	-					
17	MR	Y279-224	x	x	x	7	ABCDH		*Domestic sewage only.	*All toxic wastes are lagooned.		
2	-	-	x	-	x	-	-					
18	MR	Y279.4-239	200	x	x	4	aBcDH					
2	-	-	100	-	x	-	x					
19	MR	Y279-233	2,292	x	x	4	ABCDH					
2	-	-	2,292	-	x	-	-					
20	MR	Y579.9	1,550	x	x	7	ACDFH					
2	-	-	1,250	-	x	-	x					
21	MR	Y594.5	1,000	x	x	7	ACDFH					
2	-	-	800	-	x	-	x					
22	MR	Y539	1,100	x	x	7	ACDFH					
2	-	-	220	-	x	-	x					
23	MR	-	-	-	-	0	-					
9	-	-	-	-	-	-	-					
24												
25												
26												
27												
28												
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